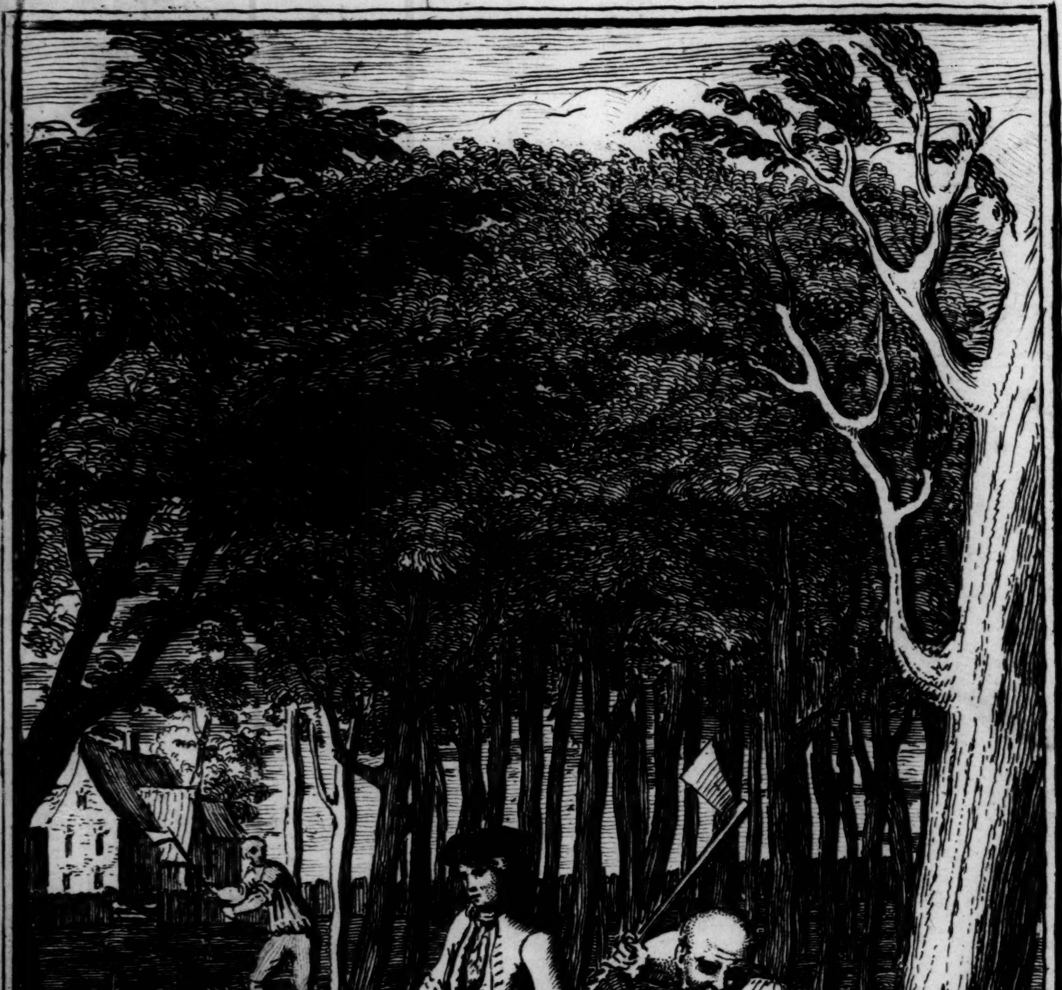
C.

John Plummer

Book 1759

8507 bb 3



B: Cole Sculp.

THE
BUILDER's GUIDE,
AND
Gentleman and Trader's Aſſiſtant;
OR A
Univerſal Magazine
OF
TABLES.

Wherein is contained
Greater Variety than in any other Book of its kind, with ſeveral new and uſeful Tables, never before publiſhed; which renders it the moſt general, complete, and univerſal Companion, for daily uſe, extant, and highly neceſſary for all Gentlemen, Builders, Surveyors of Buildings, Timber Meaſurers, Carpenters, Bricklayers, &c. Alſo for Merchants, Shopkeepers, and all Tradeſmen that deal either by Wholeſale or Retale.

CONTAINING

Tables of Timber, Board, and plank Meaſure, of ſquare and cubical Meaſure in general, either by the Foot, Yard or Rod. The Loads contained in any Number of Feet, of either rough or ſquar'd Timber, or of Plank of any Thickneſs. Of the Reduction of Brickwork, from 1 Foot to 4828 Feet, and to any Thickneſs required: What Number of Bricks are required to build any Piece of Brickwork, from 1 to 14000 Feet, and at any Thickneſs. What Number of Bricks, Lumps, or Clinkers laid flat or edge-ways, or of paving Tiles or Pamants of any Size, will pave any Floor, of leſs than 630 Foot. What any Number of odd Feet in a ſuperficial or ſolid Yard comes to, at any Price from 1 Farthing to 10*l. per* Yard. The Value of any Number of odd Feet of Tiling, Slating, Roofing, Flooring, &c. performed by the Square of 10 Foot ſquared, at any Price from 3*s.* to 5 or 10*l. per* Square. The Value of any Number of odd Feet of Brickwork, or others, performed by the Rod ſquare, at any Price from 3*s.* to 10*l. per* Rod. What any Number of Feet, Yards, Pounds, Ounces, &c. comes to at any Price *per* Foot, &c. The Value of any odd Parts of a Hundred at the Rate of 112, or 120 to the Hundred, at any Price from 2*s.* 6*d.* to 8*l. per* Hundred. The Value of one Foot in Length of any ſort of Timber when ſquared and cut to any Scantling fit for Building, at any Price *per* Foot cubical. A Reduction of all the common Tables of Coins, Weight and Meaſure. And a Perpetual Almanack. The Whole illustrated by a great Variety of Examples applicable to the various Branches of Trade in general, and after ſo conciſe a Method, that render it uſeful to all Artiſts, and eaſy to every Capacity.

By *WILLIAM SALMON*, junior,
Carpenter, of *Colcheſter.*

LONDON:
Printed for JAMES HODGES, at the *Looking-glaſs*, on

BRITISH MUSEUM

THE PREFACE.

AMONG the Number of Tracts of Tables extant, there are none that I know of, that hath any thing near the Variety contained in them, as this hath; for there is no one Perſon in Trade, let their Calling or Imployment be what it will, but may here find a Table ſuitable to his Buſineſs, which will be more or leſs ſerviceable to him.

Therefore it is altogether needleſs to ſay any thing more on the Uſefulneſs of this Tract, or the Motives which put me upon compiling it; for its ſerviceableneſs and univerſal Uſe, to all Perſons in general, will manifeſtly appear at the firſt Inſpection.

All therefore that I ſhall further add in this Place, is to give my Reader a brief Account of the Subject Matter herein contained; and from thence, together with the Peruſal of the thing it ſelf, ſhall leave him to determine of the Merit or Demerit thereof.

The firſt *Table* is of Timber-Meaſure, whereby the true Content of any Piece of Timber, or Stone, *&c.* may be exactly found, the Girt or Side of the Square, as alſo the Length being known, from 6 Inches to 36 Inches, the ſide of the Square, or $\frac{1}{4}$ of the Girt; and from 1 Foot to 40 Foot in Length.

Note, the Reaſon that I began this Table with 6 Inches, was becauſe all Trees which do not hold that Girt, are not allowed the Name of Timber: ſo likewiſe have I omitted ſetting down any more of the Content, than what amounts to Feet and Quarters of Feet, by reaſon that no Perſon either buys or ſells Timber to ſuch Exactneſs, as to account any thing for the odd Inches in the Content of a Tree; neither do they in many Places allow the Quarters of Feet in the Content,

and

and therefore to have inſerted the odd Inches in the Content, would have been needleſs.

Table II. is of Flat or Superficial Meaſure, for the meaſuring of Boards, Planks, *&c.* ready caſt up, from 1 Foot to 30 Foot long, and from 5 to 18 Inches broad; and by Addition only, will ſerve to any greater Length or Breadth.

Table III. ſhews at once, how many Loads are contained in any Number of Feet, of either rough or ſquared Timber, or of Plank of any Thickneſs, from 1 Inch to 4 Inches thick, of excellent Uſe to Timber Merchants and Ship Builders.

Table IV. ſhews how many Inches are contained in any Number of Feet, Square or Cubical, from $\frac{1}{4}$ of a Foot to 30 Foot; likewiſe how many Feet are contained in any Number of Yards, Square or Cubical, under 30 Yards. Alſo how many Feet are contained in 30 Rod long, or ſquare, and the contrary. A Table very uſeful for all Meaſurers, for the expeditious caſting up the ſuperficial or ſolid Content of any thing to be meaſured.

The V. *Table* is of Brick-work reduced to the Statute Thickneſs, which at once ſhews how many Rods, Quarters of Rods, Feet, and Inches, are contained in any Number of Superficial Feet, from 1 Foot to 4828 Feet, and ſo on, *ad Infinitum*; and from ½ a Brick thick to 5 or 10 Bricks thick. A Table which is highly uſeful and neceſſary for all Perſons concerned in Building, as well Gentlemen as Artificers.

Table VI. ſhews how many Bricks are required to build any Peice of Brick-work that conſiſts of any Number of Superficial Feet, from 1 Foot to 14000 Feet, and at any Thickneſs from ½ aBrick thick to 2½, and by Addition only, to any Thickneſs required. This Table is likewiſe of daily and excellent Uſe, to all Perſons concerned in Building in general.

Table VII. ſhews how many paving Tiles from 6 to 12 Inches ſquare, or how many Bricks, Lumps, or Clinkers laid Flat or Edge-ways, will pave any Floor, whoſe

whoſe ſuperficial Content doth not exceed 630 Feet.

Table VIII. ſhews how many Plain or Pan-Tiles will cover any Number of ſquare or ſuperficial Feet, from 1 Foot to 4000 Feet, according to 5 ſeveral Gauges.

Table IX. ſhews what any Number of odd Feet in a Superficial or Solid Yard comes unto, at any Price *per* Yard, from One Farthing to Ten Pounds, *&c.* Very uſeful for Joiners and Painters in meaſuring and valuing their Work.

Table X. ſhews the Value of any Number of odd Feet of Tiling, Slating, Roofing, Flooring, *&c.* performed by the Square of ten Foot ſquared, *viz.* a Hundred ſquare Feet at any Price *per* Square, from Three Shillings to Ten Pounds *per* Square: And will likewiſe ſerve for the valuing of any Commodity bought and ſold by the Hundred of Five Score to the Hundred.

Table XI. ſhews the Value of any Number of odd Feet of Brickwork, or others, performed by the Rod ſquare, at any Price *per* Rod, from Three Shillings to Eight or Ten Pounds *per* Rod: A very uſeful and neceſſary Table for all Builbers, Bricklayers, *&c.*

Table XII. is for the ready caſting up of any Number of Farthings, Pence or Shillings, that any Number of Feet, Yards, Rods, *&c.* or of Ounces, Pounds, Hundreds, *&c.* comes unto at any Price *per* Foot, Yard, *&c.* from a Farthing to Sixteen Shillings; and by Addition to any other Price *per* Foot, *&c.*

Table XIII. and XIV. ſhews the Value of any Number of odd Parts of a Hundred of ſuch Commodities as are ſold at the Rate of 120, or 112 to the Hundred; and at any Price *per* Hundred, from Two Shillings and Six-pence, to Eight Pounds *per* Hundred, admitting the Commodity ſold conſiſts of either Number, Weight or Meaſure.

Table XV. ſhews what any Sum of Money expended in a Day, Week, or Month, will amount unto in a Year, *&c.*

Table

Table XVI. XVII. XVIII. XIX. ſhews the Value of one Foot in Length of Timber, or Stone, when ſquar'd and cut to any Scantling or Size fit for Building, without meaſuring the Solidity thereof; and at any Price *per* Foot Cubical. Theſe Tables are highly neceſſary and uſeful to all Perſons concerned in Building.

All the other Tables from XX. to XXXIX. are of Coin, Weight and Meaſure; wherein, at one View, you have how many of the leſſer Denominations are contained in the greater: To particularize on each of which, in ſuch a manner as to ſhew their Uſe, would be running the *Preface* to too great a Length; and therefore I ſhall leave my Reader to make ſuch Application of them, as his particular Buſineſs, or Need ſhall require; and beg leave to be excuſed, by giving a general Table of the Contents of the whole.

To conclude, I have herein omited no one Table that I could think of, which would be of general Uſe in Trade; nor have I inſerted any, but what are abſolutely neceſſary; and therefore have ſpared no Pains to make them correct; for tho' I could have tranſcribed ſome of the Tables from other Authors, yet for fear of tranſcribing Errors, I choſe rather to calculate them, that thereby I might the more confidently recommend them to the Publick, as genuine, and very accurate, and ſuch as may ſafely be relied on, both by Buyers and Sellers of all Trades and Denominations in general; and that they may prove as univerſally uſeful as intended, is the ſincere Deſire and hearty Wiſh of

Yours, &c.

William Salmon, *jun.*

THE CONTENTS.

	Table	Page
ALMANACK of perpetual Uſe	40	151
Ale Meaſure	31	144
Apothecaries Weight	22	138
Aſhes the Laſt		150
Avoirdupois Weight	24	139

B.

	Table	Page
Board Meaſure	2	19
Brickwork Reduced	5	35
——— *the Value of any Number of odd Feet by the Rod*	11	82
Bricks, how many will build any Wall	6	45
——— *how many will pave any Floor*	8	54
——— *how many to a Load*	39	149
Beer Meaſure	30	143

C.

	Table	Page
Cubical Meaſure by the Foot or Yard	4	30
Commodities of any Sort, the Value of any Number thereof at any Price for one	12	91
Cloth Meaſure	26	140
Corn Meaſure	32	145

D.

	Table	Page
Dry Meaſure	32	145
Dozens, what are ſo ſold	25	146
Deals, how ſold	39	149

E.

	Table	Page
Expence Table, by the Day, Week, Month or Year	15	127

F.

	Table	Page
Flooring, what Bricks, &c. will pave any Floor	7	54
——— *the Value of any Number of odd Feet thereof by the Square*	10	74
Fiſh by the Hundred or Barrel	36	147

G.

	Table	Page
Gold, its Value	23	139
Glaſs, the Stone	39	149
——— *the Caſe*		
——— *the Stone*		
——— *the Seam*		
——— *the Table*		
——— *Bottles the Dozen*		
——— ——— *the Groce*		

H.

	Table	Page
Hay, the Load	39	149
Heavenly Bodies, their Motion	34	146
Honey Meaſure	29	143
Hoops, how many to a Bundle	39	150

I.

	Table	Page
Iron, the Ton	39	149
Iron-ſtone, the Laſt	39	150

L.

	Table	Page
Long Hundreds, two Tables thereof, for the valuing of ſuch Commodities as are ſold at the Rate of 112, *or* 120 *to the Hundred*	13 14	108 117

	Table	Page
Long Meaſure	27	141
Land Meaſure	39	148
Lathes the Bundle		149
Lead the Fodder		149
Lime the Hundred		
—— *the Load*		

M.

	Table	Page
Money Table	20	137
Meaſures made uſe of in Land and Building	39	148

N.

	Table	Page
Nails how ſold	39	149

O.

	Table	Page
Oil Meaſure	29	143
Oſmands the Laſt	39	150

P.

	Table	Page
Pavements	7	54
Paper	37	147
Parchment		
Pitch the Laſt	39	150
Plank of any Thickneſs, the Load	3	25

R.

	Table	Page
Rods ſquare, the Value of any Number of odd Feet at any Price per Rod	11	82
Roofing, The Value of any Number of odd Feet by the Square	10	74

S.

	Table	Page
Square Meaſure, by the Foot, Yard or Rod	4 27	30 141
Slating, the Value of any Number of odd Feet by the Square	10	74
Silver its Value	23	139

Salt

	Table	Page
Salt Meaſure *Sea-Coal Meaſure*	32	145
Sand the Load	39	149

T.

	Table	Page
Timber Meaſure	1	1
Tiling, the Value of any Number of odd Feet by the Square	10	74
Timber, rough or ſquared, how many Feet to a Load	3	25
Timber ſquared, the Value of one Foot in Length at any Scantling	16 17 18 19	129 130 131 132
Troy Weight	21	138
Time its Motion	33	146
Tiles, to a Load	39	149
—— how many will cover any Number of ſquare Feet	8	62
Tar, the Laſt	39	150

V.

	Table	Page
Vinegar Meaſure	29	142

BRITISH 30 DE 75 MUSEUM

W.

	Table	Page
Water Buſhel		145
Weather Boarding, the Value of any odd Feet thereof by the Square	10	74
Wine Meaſure	29	142
Wool Weight	25	140
Wood, the Chord or Stack	38	147
Wire, the Stone	39	150

N.B. The Author ſurveys, draws Draughts or Deſigns of Buildings for Gentlemen, and eſtimates the ſame; or undertakes to build, or give Directions to Workmen in performing the executive Part, according to Art, agreeable to any Situation, and the moſt beautiful Proportions in Architecture.

A

Univerſal Magazine, of Tables.

TABLE I.

OF

SOLID MEASURE.

Which ſhews by Inſpection

THE

Content of any Piece of Timber, Stone &c. The Girt, or Side of the Square, as alſo the Length, being known.

From 6 to 36 Inches, the Side of the Square, or $\frac{1}{4}$ of the Girt; And from 1 Foot, to 40 Foot in Length.

B

Of Solid Meaſure.

	6	6 ¼	6 ½	6 ¾	7	7 ¼	7 ½	7 ¾	8	8 ¼
1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1
2	0 2	0 2	0 2	0 2	0 2	0 2	0 3	0 3	0 3	0 3
3	0 3	0 3	0 3	0 3	1 0	1 0	1 0	1 1	1 1	1 1
4	1 0	1 0	1 0	1 1	1 1	1 1	1 2	1 2	1 3	1 3
5	1 1	1 1	1 1	1 2	1 2	1 3	1 3	2 0	2 0	2 1
6	1 2	1 2	1 3	1 3	2 0	2 0	2 1	2 2	2 2	2 3
7	1 3	1 3	2 0	2 0	2 1	2 2	2 2	2 3	3 0	3 1
8	2 0	2 0	2 1	2 2	2 2	2 3	3 0	3 1	3 2	3 3
9	2 1	2 1	2 2	2 3	3 0	3 1	3 2	3 3	4 0	4 1
10	2 2	2 2	2 3	3 0	3 1	3 2	3 3	4 0	4 1	4 2
11	2 3	2 3	3 0	3 1	3 2	4 0	4 1	4 2	4 3	5 0
12	3 0	3 1	3 2	3 3	4 0	4 1	4 2	5 0	5 1	5 2
13	3 1	3 2	3 3	4 0	4 1	4 2	5 0	5 1	5 3	6 0
14	3 2	3 3	4 0	4 1	4 3	5 0	5 1	5 3	6 0	6 2
15	3 3	4 0	4 1	4 2	5 0	5 1	5 3	6 1	6 2	7 0
16	4 0	4 1	4 2	5 0	5 1	5 3	6 1	6 2	7 0	7 2
17	4 1	4 2	4 3	5 1	5 3	6 0	6 2	7 0	7 2	8 0
18	4 2	4 3	5 1	5 2	6 0	6 2	7 0	7 2	8 0	8 2
19	4 3	5 0	5 2	6 0	6 1	6 3	7 1	7 3	8 1	8 3
20	5 0	5 1	5 3	6 1	6 3	7 1	7 3	8 1	8 3	9 1
21	5 1	5 2	6 0	6 2	7 0	7 2	8 0	8 3	9 1	9 3
22	5 2	5 3	6 1	6 3	7 1	8 0	8 2	9 0	9 3	10 1
23	5 3	6 0	6 2	7 1	7 3	8 1	8 3	9 2	10 0	10 3
24	6 0	6 2	7 0	7 2	8 0	8 3	9 1	10 0	10 2	11 1
25	6 1	6 3	7 1	7 3	8 2	9 0	9 3	10 1	11 0	11 3
26	6 2	7 0	7 2	8 0	8 3	9 1	10 0	10 3	11 2	12 1
27	6 3	7 1	7 3	8 2	9 0	9 3	10 2	11 1	12 0	12 3
28	7 0	7 2	8 0	8 3	9 2	10 0	10 3	11 2	12 1	13 0
29	7 1	7 3	8 2	9 0	9 3	10 2	11 1	12 0	12 3	13 2
30	7 2	8 0	8 3	9 1	10 0	10 3	11 2	12 2	13 1	14 0
31	7 3	8 1	9 0	9 3	10 2	11 1	12 0	12 3	13 3	14 2
32	8 0	8 2	9 1	10 0	10 3	11 2	12 2	13 1	14 0	15 0
33	8 1	8 3	9 2	10 1	11 0	12 0	12 3	13 3	14 2	15 2
34	8 2	9 0	9 3	10 3	11 2	12 1	13 1	14 0	15 0	16 0
35	8 3	9 1	10 1	11 0	11 3	12 3	13 2	14 2	15 2	16 2
36	9 0	9 3	10 2	11 1	12 1	13 0	14 0	15 0	16 0	17 0
37	9 1	10 0	10 3	11 2	12 2	13 2	14 1	15 1	16 1	17 1
38	9 2	10 1	11 0	12 0	12 3	13 3	14 3	15 3	16 3	17 3
39	9 3	10 2	11 1	12 1	13 1	14 0	15 0	16 1	17 1	18 1
40	10 0	10 3	11 2	12 2	13 2	14 2	15 2	16 2	17 3	18 3

	8	½	8	¾	9		9	1	9	½	9	¾	10		10	1	10	½	10	¾
1	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	3	0	3
2	1	0	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	2	1	2
3	1	2	1	2	1	2	1	3	1	3	1	3	2	0	2	0	2	1	2	1
4	2	0	2	0	2	1	2	1	2	2	2	2	2	3	2	3	3	0	3	0
5	2	2	2	2	2	3	2	3	3	0	3	1	3	1	3	2	3	3	4	0
6	3	0	3	0	3	1	3	2	3	3	3	3	4	0	4	1	4	2	4	3
7	3	2	3	2	3	3	4	0	4	1	4	2	4	3	5	0	5	1	5	2
8	4	0	4	1	4	2	4	3	5	0	5	1	5	2	5	3	6	0	6	1
9	4	2	4	3	5	0	5	1	5	2	5	3	6	1	6	2	6	3	7	0
10	5	0	5	1	5	2	5	3	6	1	6	2	6	3	7	1	7	2	8	0
11	5	2	5	3	6	0	6	2	6	3	7	1	7	2	8	0	8	1	8	3
12	6	0	6	1	6	3	7	0	7	2	7	3	8	1	8	3	9	0	9	2
13	6	2	6	3	7	1	7	2	8	0	8	2	9	0	9	1	9	3	10	1
14	7	0	7	1	7	3	8	1	8	3	9	0	9	2	10	0	10	2	11	0
15	7	2	7	3	8	1	8	3	9	1	9	3	10	1	10	3	11	1	12	0
16	8	0	8	2	9	0	9	2	10	0	10	2	11	0	11	2	12	1	12	3
17	8	2	9	0	9	2	10	0	10	2	11	0	11	3	12	1	13	0	13	2
18	9	0	9	2	10	0	10	2	11	1	11	3	12	2	13	0	13	3	14	1
19	9	2	10	0	10	2	11	1	11	3	12	2	13	0	13	3	14	2	15	0
20	10	0	10	2	11	1	11	3	12	2	13	0	13	3	14	2	15	1	16	0
21	10	2	11	0	11	3	12	1	13	0	13	3	14	2	15	1	16	0	16	3
22	11	0	11	2	12	1	13	0	13	3	14	2	15	1	16	0	16	3	17	2
23	11	2	12	0	12	3	13	2	14	1	15	0	15	3	16	3	17	2	18	1
24	12	0	12	3	13	2	14	1	15	0	15	3	16	2	17	2	18	1	19	1
25	12	2	13	1	14	0	14	3	15	2	16	2	17	1	18	0	19	0	20	0
26	13	0	13	3	14	2	15	1	16	1	17	0	18	0	18	3	19	3	20	3
27	13	2	14	1	15	0	16	0	16	3	17	3	18	3	19	2	20	2	21	2
28	14	0	14	3	15	3	16	2	17	2	18	1	19	1	20	1	21	1	22	1
29	14	2	15	1	16	1	17	0	18	0	19	0	20	0	21	0	22	0	23	1
30	15	0	15	3	16	3	17	3	18	3	19	3	20	3	21	3	22	3	24	0
31	15	2	16	1	17	1	18	1	19	1	20	1	21	2	22	2	23	2	24	2
32	16	0	17	0	18	0	19	0	20	0	21	0	22	0	23	1	24	2	25	2
33	16	2	17	2	18	2	19	2	20	2	21	3	22	3	24	0	25	1	26	1
34	17	0	18	0	19	0	20	0	21	1	22	1	23	2	24	3	26	0	27	1
35	17	2	18	2	19	2	20	3	21	3	23	0	24	1	25	2	26	3	28	0
36	18	0	19	0	20	1	21	1	22	2	23	3	25	0	26	1	27	2	28	3
37	18	2	19	2	20	3	21	3	23	0	24	1	25	2	26	3	28	1	29	2
38	19	0	20	0	21	1	22	2	23	3	25	0	26	1	27	2	29	0	30	1
39	19	2	20	2	21	3	23	0	24	1	25	2	27	0	28	1	29	3	31	1
40	20	0	21	1	22	2	23	3	25	0	26	1	27	3	29	0	30	2	32	0

	11		11 ¼		11 ½		11 ¾		12		12 ¼		12 ½		12 ¾		13		13 ¼	
1	0	3	0	3	0	3	0	3	1	0	1	0	1	0	1	0	1	0	1	0
2	1	2	1	3	1	3	1	3	2	0	2	0	2	0	2	1	2	1	2	1
3	2	2	2	2	2	3	2	3	3	0	3	0	3	1	3	1	3	2	3	2
4	3	1	3	2	3	2	3	3	4	0	4	0	4	1	4	2	4	2	4	3
5	4	0	4	1	4	2	4	3	5	0	5	0	5	1	5	2	5	3	6	0
6	5	0	5	1	5	2	5	3	6	0	6	1	6	2	6	3	7	0	7	1
7	5	3	6	0	6	1	6	2	7	0	7	1	7	2	7	3	8	0	8	2
8	6	2	7	0	7	1	7	2	8	0	8	1	8	2	9	0	9	1	9	3
9	7	2	7	3	8	1	8	2	9	0	9	1	9	3	10	0	10	2	10	3
10	8	1	8	3	9	0	9	2	10	0	10	1	10	3	11	1	11	2	12	0
11	9	0	9	2	10	0	10	2	11	0	11	1	11	3	12	1	12	3	13	1
12	10	0	10	2	11	0	11	2	12	0	12	2	13	0	13	2	14	0	14	2
13	10	3	11	1	11	3	12	1	13	0	13	2	14	0	14	2	15	1	15	3
14	11	3	12	1	12	3	13	1	14	0	14	2	15	0	15	3	16	1	17	0
15	12	2	13	0	13	3	14	1	15	0	15	2	16	1	16	3	17	2	18	1
16	13	1	14	0	14	2	15	1	16	0	16	2	17	1	18	0	18	3	19	2
17	14	1	14	3	15	2	16	1	17	0	17	2	18	1	19	0	19	3	20	2
18	15	0	15	3	16	2	17	1	18	0	18	3	19	2	20	1	21	0	21	3
19	15	3	16	2	17	1	18	0	19	0	19	3	20	2	21	1	22	1	23	0
20	16	3	17	2	18	1	19	0	20	0	20	3	21	2	22	2	23	1	24	1
21	17	2	18	1	19	1	20	0	21	0	21	3	22	3	23	2	24	2	25	2
22	18	1	19	1	20	0	21	0	22	0	22	3	23	3	24	3	25	3	26	3
23	19	1	20	0	21	0	22	0	23	0	23	3	24	3	25	3	26	3	28	0
24	20	0	21	0	22	0	23	0	24	0	25	0	26	0	27	0	28	0	29	1
25	21	0	21	3	22	3	23	3	25	0	26	0	27	0	28	0	29	1	30	1
26	21	3	22	3	23	3	24	3	26	0	27	0	28	0	29	1	30	2	31	2
27	22	2	23	2	24	3	25	3	27	0	28	0	29	1	30	1	31	2	32	3
28	23	2	24	2	25	2	26	3	28	0	29	0	30	1	31	2	32	3	34	0
29	24	1	25	1	26	2	27	3	29	0	30	0	31	1	32	2	34	0	35	1
30	25	0	26	1	27	2	28	3	30	0	31	1	32	2	33	3	35	0	36	2
31	26	0	27	0	28	1	29	2	31	0	32	1	33	3	34	3	36	1	37	3
32	26	3	28	0	29	1	30	2	32	0	33	1	34	2	36	0	37	2	39	0
33	27	2	29	0	30	1	31	2	33	0	34	1	35	3	37	1	38	2	40	0
34	28	2	29	3	31	0	32	2	34	0	35	1	36	3	38	1	39	3	41	1
35	29	1	30	3	32	0	33	2	35	0	36	1	37	3	39	2	41	0	42	2
36	30	1	31	2	33	0	34	2	36	0	37	2	39	0	40	2	42	1	43	3
37	31	0	32	2	33	3	35	1	37	0	38	2	40	0	41	3	43	1	45	0
38	31	3	33	1	34	3	36	1	38	0	39	2	41	0	42	3	44	2	46	1
39	32	3	34	1	35	3	37	1	39	0	40	2	42	1	44	0	45	3	47	2
40	33	2	35	0	36	2	38	1	40	0	41	2	43	1	45	0	46	3	48	3

	13 ½	13 ¾	14	14 ¼	14 ½	14 ¾	15	15 ¼	15 ½	15 ¾
1	1 1	1 1	1 1	1 1	1 1	1 2	1 2	1 2	1 2	1 2
2	2 2	2 2	2 2	2 3	2 3	3 0	3 0	3 0	3 1	3 1
3	3 3	3 3	4 0	4 0	4 1	4 2	4 2	4 3	5 0	5 0
4	5 0	5 1	5 1	5 2	5 3	6 0	6 1	6 1	6 2	6 3
5	6 1	6 2	6 3	7 0	7 1	7 2	7 3	8 0	8 1	8 2
6	7 2	7 3	8 0	8 1	8 3	9 0	9 1	9 2	10 0	10 1
7	8 3	9 0	9 2	9 3	10 0	10 2	10 3	11 1	11 2	12 0
8	10 0	10 2	10 3	11 1	11 2	12 0	12 2	12 3	13 1	13 3
9	11 1	11 3	12 1	12 2	13 0	13 2	14 0	14 2	15 0	15 2
10	12 2	13 0	13 2	14 0	14 2	15 0	15 2	16 0	16 2	17 0
11	13 3	14 1	14 3	15 2	16 0	16 2	17 0	17 3	18 1	18 3
12	15 0	15 3	16 1	16 3	17 2	18 0	18 3	19 1	20 0	20 2
13	16 1	17 0	17 2	18 1	18 3	19 2	20 1	20 3	21 2	22 1
14	17 2	18 1	19 0	19 2	20 1	21 0	21 3	22 2	23 1	24 0
15	18 3	19 2	20 1	21 0	21 3	22 2	23 1	24 0	25 0	25 3
16	20 1	21 0	21 3	22 2	23 1	24 0	25 0	25 3	26 2	27 2
17	21 2	22 1	23 0	23 3	24 3	25 2	26 2	27 1	28 1	29 1
18	22 3	23 2	24 2	25 1	26 1	27 0	28 0	29 0	30 0	31 0
19	24 0	24 3	25 3	26 3	27 2	28 2	29 2	30 2	31 2	32 2
20	25 1	26 1	27 0	28 0	29 0	30 0	31 1	32 1	33 1	34 1
21	26 2	27 2	28 2	29 2	30 2	31 2	32 3	33 3	35 0	36 0
22	27 3	28 3	29 3	31 0	32 0	33 0	34 1	35 2	36 2	37 3
23	29 0	30 0	31 0	32 1	33 2	34 2	35 3	37 0	38 1	39 2
24	31 1	31 2	32 2	33 3	35 0	36 1	37 2	38 3	40 0	41 1
25	31 2	32 3	34 0	35 1	36 2	37 3	39 0	40 1	41 2	43 0
26	32 3	34 0	35 1	36 2	37 3	39 1	40 2	41 3	43 1	44 3
27	34 0	35 1	36 3	38 0	39 1	40 3	42 0	43 2	45 0	46 2
28	35 1	36 3	38 0	39 1	40 3	42 1	43 3	45 0	46 2	48 0
29	36 2	38 0	39 1	40 3	42 1	43 3	45 1	46 3	48 1	49 3
30	37 3	39 1	40 0	42 1	43 3	45 1	46 3	48 1	50 0	51 2
31	39 0	40 2	42 0	43 2	45 1	46 3	48 1	49 0	51 2	53 1
32	40 2	42 0	43 2	45 0	46 2	48 1	50 0	51 2	53 1	55 0
33	41 3	43 1	44 3	46 2	48 0	49 3	51 2	53 1	55 0	56 3
34	43 0	44 2	46 1	47 3	49 2	51 1	53 0	54 3	56 2	58 2
35	44 1	45 3	47 2	49 1	51 0	52 3	54 2	56 2	58 1	60 1
36	45 2	47 1	49 0	50 3	52 2	54 1	56 1	58 0	60 0	62 0
37	46 3	48 2	50 1	52 0	54 0	55 3	57 3	59 3	61 2	63 2
38	48 0	49 3	51 2	53 2	55 1	57 1	59 1	61 1	63 1	65 1
39	49 1	51 0	53 0	54 3	56 3	58 3	60 3	62 3	65 0	67 0
40	50 2	52 2	54 1	56 1	58 1	60 1	62 2	64 2	66 2	58 3

	16		16 ¼		16 ½		16 ¾		17		17 ¼		17 ½		17 ¾		18		18 ¼	
1	1	3	1	3	1	3	1	3	2	0	2	0	2	0	2	0	2	1	2	1
2	3	2	3	2	3	3	3	3	4	0	4	0	4	1	4	1	4	2	4	2
3	5	1	5	2	5	2	5	3	6	0	6	0	6	1	6	2	6	3	6	3
4	7	0	7	1	7	2	7	3	8	0	8	1	8	2	8	3	9	0	9	1
5	8	3	9	0	9	1	9	2	10	0	10	1	10	2	10	3	11	1	11	2
6	10	2	11	0	11	1	11	2	12	0	12	1	12	3	13	0	13	2	13	3
7	12	1	12	3	13	0	13	2	14	0	14	1	14	3	15	1	15	3	16	0
8	14	0	14	2	15	0	15	2	16	0	16	2	17	0	17	2	18	0	18	2
9	16	0	16	2	17	0	17	2	18	0	18	2	19	0	19	2	20	1	20	3
10	17	3	18	1	18	3	19	1	20	0	20	2	21	1	21	3	22	2	23	0
11	19	2	20	0	20	3	21	1	22	0	22	2	23	1	24	0	24	3	25	1
12	21	1	22	0	22	2	23	1	24	0	24	3	25	2	26	1	27	0	27	3
13	23	0	23	3	24	2	25	1	26	0	26	3	27	2	28	1	29	1	30	0
14	24	3	25	2	26	1	27	1	28	0	28	3	29	3	30	2	31	2	32	1
15	26	2	27	2	28	1	29	0	30	0	30	3	31	3	32	3	33	3	34	2
16	28	1	29	1	30	1	31	0	32	0	33	0	34	0	35	0	36	0	37	0
17	30	0	31	0	32	0	33	0	34	0	35	0	36	0	37	0	38	1	39	1
18	32	0	33	0	34	0	35	0	36	0	37	0	38	1	39	1	40	2	41	2
19	33	3	34	3	35	3	37	0	38	0	39	1	40	1	41	2	42	3	43	3
20	35	2	36	2	37	3	38	3	40	0	41	1	42	2	43	3	45	0	46	1
21	37	1	38	2	39	2	40	3	42	0	43	1	44	2	45	3	47	1	48	2
22	39	0	40	1	41	2	41	3	44	0	45	1	46	3	48	0	49	2	50	3
23	40	3	42	0	43	1	44	3	46	0	47	2	48	3	50	1	51	3	53	0
24	42	2	44	0	45	1	46	3	48	0	49	2	51	0	52	2	54	0	55	2
25	44	1	45	3	47	1	48	2	50	0	51	2	53	0	54	2	56	1	57	3
26	46	0	47	2	49	0	50	2	52	0	53	2	55	1	56	3	58	2	60	0
27	48	0	49	2	51	0	52	2	54	0	55	3	57	1	59	0	60	3	62	1
28	49	3	51	1	52	3	54	2	56	0	57	3	59	2	61	1	63	0	64	3
29	51	2	53	0	54	3	56	2	58	0	59	3	61	2	63	1	65	1	67	0
30	53	1	55	0	56	2	58	1	60	0	61	3	63	3	65	2	67	2	69	1
31	55	0	56	3	58	2	60	1	62	0	64	0	65	3	67	3	69	3	71	2
32	56	3	58	2	60	2	62	1	64	0	66	0	68	0	70	0	71	0	74	0
33	58	2	60	2	62	1	64	1	66	0	68	0	70	0	72	0	74	1	76	1
34	60	1	62	1	64	0	66	0	68	0	70	1	72	1	74	1	76	2	78	2
35	62	0	64	0	66	0	68	0	70	0	72	1	74	1	76	2	78	3	80	3
36	64	0	66	0	68	0	70	0	72	1	74	1	76	2	78	3	81	0	83	1
37	65	3	67	3	69	3	72	0	74	1	76	1	78	2	80	3	83	1	85	2
38	67	2	69	2	71	3	74	0	76	1	78	2	80	3	83	0	85	2	87	3
39	69	1	71	2	73	2	75	3	78	1	80	2	82	3	85	1	87	3	90	0
40	71	0	73	1	75	2	77	3	80	1	82	2	85	0	87	2	90	0	92	2

	18 ½		18 ¾		19		19 ¼		19 ½		19 ¾		20		20 ¼		20 ½		20 ¾	
1	2	1	2	1	2	2	2	2	2	2	2	2	2	3	2	3	2	3	2	3
2	4	3	4	3	5	0	5	0	5	1	5	1	5	2	5	2	5	3	5	3
3	7	0	7	1	7	2	7	2	7	3	8	0	8	1	8	2	8	3	8	3
4	9	2	9	3	10	0	10	1	10	2	10	3	11	0	11	1	11	2	11	3
5	11	3	12	0	12	2	12	3	13	0	13	2	13	3	14	0	14	2	14	3
6	14	1	14	2	15	0	15	1	15	3	16	1	16	2	17	0	17	2	17	3
7	16	2	17	0	17	2	18	0	18	1	18	3	19	1	19	3	20	1	20	3
8	19	0	19	2	20	0	20	2	21	0	21	2	22	0	22	3	23	1	23	3
9	21	1	21	3	22	2	23	0	23	3	24	1	25	0	25	2	26	1	26	3
10	23	3	24	1	25	0	25	2	26	1	27	0	27	3	28	1	29	0	29	3
11	26	0	26	3	27	2	28	1	29	0	29	3	30	2	31	1	32	0	32	3
12	28	2	29	1	30	0	30	3	31	2	32	2	33	1	34	0	35	0	35	3
13	30	3	31	2	32	2	33	1	34	1	35	0	36	0	37	0	37	3	38	3
14	33	1	34	0	35	0	36	0	36	3	37	3	38	3	39	3	40	3	41	3
15	35	2	36	2	37	2	38	2	39	2	40	2	41	2	42	2	43	3	44	3
16	38	0	39	0	40	0	41	0	42	1	43	1	44	1	45	2	46	2	47	3
17	40	1	41	2	42	2	43	2	44	3	46	0	47	0	48	1	49	2	50	3
18	42	3	43	3	45	0	46	1	47	2	48	3	50	0	51	1	52	2	53	3
19	45	0	46	1	47	2	48	3	50	0	51	1	52	3	54	0	55	1	56	3
20	47	2	48	3	50	0	51	1	52	3	54	0	55	2	56	3	58	1	59	3
21	49	3	51	1	52	2	54	0	55	1	56	3	58	1	59	3	61	1	62	3
22	52	1	53	2	55	0	56	2	58	0	59	2	61	0	62	2	64	0	65	3
23	54	2	56	0	57	2	59	0	60	2	62	1	63	3	65	1	67	0	68	3
24	57	0	58	2	60	0	61	3	63	1	65	0	66	2	68	1	70	0	71	3
25	59	1	61	0	62	2	64	1	66	0	67	2	69	1	71	0	72	3	74	3
26	61	3	63	1	65	0	66	3	68	2	70	1	72	0	74	0	75	3	77	2
27	64	0	65	3	67	2	69	1	71	1	73	0	75	0	76	3	78	3	80	2
28	66	2	68	1	70	0	72	0	73	3	75	3	77	3	79	2	81	2	83	2
29	68	3	70	3	72	2	74	2	76	2	78	2	80	2	82	2	84	2	86	2
30	71	1	73	0	75	0	77	0	79	0	81	1	83	1	85	1	87	2	89	2
31	73	2	75	2	77	2	79	3	81	3	83	3	86	0	88	1	90	1	92	2
32	76	0	78	0	80	0	82	1	84	2	86	2	88	3	91	0	93	1	95	2
33	78	1	80	2	82	2	84	3	87	0	89	1	91	2	93	3	96	1	98	2
34	80	3	83	0	85	0	87	1	89	3	92	0	94	1	96	3	99	0	101	2
35	83	0	85	1	87	2	90	0	92	1	94	3	97	0	99	2	102	0	104	2
36	85	2	87	3	90	1	92	2	95	0	97	2	100	0	102	2	105	0	107	2
37	87	3	90	1	92	3	95	0	97	2	100	0	102	3	105	1	107	3	110	2
38	90	1	92	3	95	1	97	3	100	1	102	3	105	2	108	0	110	3	113	2
39	92	2	95	0	97	3	100	1	102	3	105	2	108	1	111	0	113	3	116	2
40	95	0	97	2	100	1	102	3	105	2	108	1	111	0	113	3	116	2	119	2

	21	21 ¼	21 ½	21 ¾	22	22 ¼	22 ½	22 ¾	23	23
1	3 0	3 0	3 0	3 1	3 1	3 1	3 2	3 2	3 2	3
2	6 0	6 1	6 1	6 2	6 2	6 3	7 0	7 0	7 1	7
3	9 0	9 1	9 2	9 3	10 1	10 1	10 2	10 3	11 0	11
4	12 1	12 2	12 3	13 0	13 1	13 3	14 0	14 1	14 2	15
5	15 1	15 2	16 0	16 1	16 3	17 0	17 2	17 3	18 1	18
6	18 1	18 3	19 1	19 2	20 0	20 2	21 0	21 2	22 0	22
7	21 1	21 3	22 1	22 3	23 2	24 0	24 2	25 0	25 2	26
8	24 2	25 0	25 2	26 1	26 3	27 2	28 0	28 3	29 1	30
9	27 2	28 0	28 3	29 2	30 1	30 3	31 2	32 1	33 0	33
10	30 2	31 1	32 0	32 3	33 2	34 1	35 0	35 3	36 2	37
11	33 2	34 1	35 1	36 0	36 3	37 3	38 2	39 2	40 1	41
12	36 3	37 2	38 2	39 1	40 1	41 1	42 0	43 0	44 0	45
13	39 3	40 3	41 2	42 2	43 2	44 2	45 2	46 2	47 3	48
14	42 3	43 3	44 3	45 3	47 0	48 0	49 0	50 1	51 1	52
15	45 3	47 0	48 0	49 1	50 1	51 2	52 2	53 3	55 0	56
16	49 0	50 0	51 1	52 2	53 3	55 0	56 1	57 2	58 3	60
17	52 0	53 1	54 2	55 3	57 0	58 0	59 3	61 0	62 1	63
18	55 0	56 1	57 3	59 0	60 2	61 3	63 1	64 2	66 0	67
19	58 0	59 2	60 3	62 1	63 3	65 1	66 3	68 1	69 3	71
20	61 1	62 2	64 0	65 2	67 0	68 3	70 1	71 3	73 1	75
21	64 1	65 3	67 1	68 3	70 2	72 0	73 3	75 1	77 0	78
22	67 1	68 3	70 2	72 1	73 3	75 2	77 1	79 0	80 3	82
23	70 1	72 0	73 3	75 2	77 1	79 0	80 3	82 2	84 1	86
24	73 2	75 1	77 0	78 3	80 2	82 2	84 1	86 1	88 0	90
25	76 2	78 1	81 1	82 0	84 0	85 3	87 3	89 3	91 3	93
26	79 2	81 2	83 1	85 1	87 1	89 1	91 1	93 1	95 2	97
27	82 2	84 2	86 2	88 2	90 3	92 3	94 3	97 0	99 0	101
28	85 3	87 3	89 3	91 3	94 0	96 1	98 1	100 2	102 3	105
29	88 3	90 3	93 0	95 1	97 1	99 2	101 3	104 0	106 2	108
30	91 3	94 0	96 1	98 2	100 3	103 0	105 1	107 3	110 0	112
31	94 3	97 0	99 2	101 3	104 0	106 2	108 3	111 1	113 3	116
32	98 0	100 1	102 2	105 0	107 2	110 0	112 2	115 0	117 2	120
33	101 0	103 1	105 3	108 1	110 3	113 1	116 0	118 2	121 0	123
34	104 0	106 2	109 0	111 2	114 1	116 3	119 2	122 0	124 3	127
35	107 0	109 3	112 1	114 3	117 2	120 1	123 0	125 3	128 2	131
36	110 1	112 3	115 2	118 1	121 0	123 3	126 2	129 1	132 1	135
37	113 1	116 0	118 3	121 2	124 1	127 0	130 0	132 3	135 3	138
38	116 1	119 0	121 3	124 3	127 2	130 2	133 2	136 2	139 2	142
39	119 1	122 1	125 0	128 0	130 0	134 0	137 0	140 0	143 1	146
40	122 2	125 1	128 1	131 1	134 1	137 2	140 2	143 3	146 3	150

	23 ½		23 ¾		24		24 ¼		24 ½		24 ¾		25		25 ¼	
1	3	3	3	3	4	0	4	0	4	0	4	1	4	1	4	1
2	7	2	7	3	8	0	8	0	8	1	8	2	8	2	8	3
3	11	2	11	3	12	0	12	1	12	2	12	3	13	0	13	1
4	15	1	15	2	16	0	16	1	16	2	17	0	17	1	17	2
5	19	0	19	2	20	0	20	1	20	3	21	1	21	2	22	0
6	23	0	23	2	24	0	24	2	25	0	25	2	26	0	26	2
7	26	3	27	1	28	0	28	2	29	0	29	3	30	1	30	3
8	30	2	31	1	32	0	32	2	33	1	34	0	34	2	35	1
9	34	2	35	1	36	0	36	3	37	2	38	1	39	0	39	3
10	38	1	39	0	40	0	40	3	41	2	42	2	43	1	44	1
11	42	0	43	0	44	0	44	3	45	3	46	3	47	2	48	2
12	46	0	47	0	48	0	49	0	50	0	51	1	52	0	53	0
13	49	3	50	3	52	0	53	0	54	0	55	1	56	1	57	2
14	53	2	54	3	56	0	57	0	58	1	59	2	60	3	61	3
15	57	2	58	3	60	0	61	1	62	3	63	3	65	0	66	1
16	61	1	62	2	64	0	65	1	66	2	68	0	69	1	70	3
17	65	0	66	2	68	0	69	1	70	3	73	1	73	3	75	1
18	69	0	70	2	72	0	73	2	75	0	76	2	78	0	79	2
19	72	3	74	1	76	0	77	2	79	0	80	3	82	1	84	0
20	76	2	78	1	80	0	81	2	83	1	85	0	86	3	88	2
21	80	2	82	1	84	0	85	3	87	2	89	1	91	0	92	3
22	84	1	86	0	88	0	89	3	91	2	93	2	95	1	97	0
23	88	0	90	0	92	0	93	3	95	3	97	3	99	3	101	3
24	92	0	94	0	96	0	98	0	100	0	102	0	104	0	106	1
25	95	3	97	3	100	0	102	0	104	0	106	1	108	2	110	2
26	99	2	101	[illegible]	104	0	106	0	108	1	110	2	112	3	115	0
27	103	2	105	3	108	0	110	1	112	2	114	3	117	0	119	2
28	107	1	109	2	112	0	114	1	116	2	119	0	121	2	123	3
29	111	0	113	2	116	0	118	1	120	3	123	1	125	3	128	1
30	115	0	117	2	120	0	122	2	125	0	127	2	130	0	132	3
31	118	3	121	1	124	0	126	2	129	0	131	3	134	2	137	1
32	122	2	125	1	128	0	130	2	133	1	136	0	138	3	141	2
33	126	2	129	1	132	0	134	3	137	2	140	1	143	0	146	0
34	130	1	133	0	136	0	138	3	141	2	144	2	147	2	150	2
35	134	0	137	0	140	0	142	3	145	3	148	3	151	3	154	3
36	138	0	141	0	144	0	147	0	150	0	153	0	156	1	159	1
37	141	3	144	3	148	0	151	0	154	0	157	1	160	2	163	3
38	145	2	148	3	152	0	155	0	158	1	161	2	164	3	168	0
39	149	2	152	3	156	0	159	1	162	2	165	3	169	1	172	2
40	153	1	156	2	160	0	163	1	166	2	170	0	173	2	177	0

	25 ½		25 ¾		26		26 ¼		26 ½		26 ¾		27	
1	4	2	4	2	4	2	4	3	4	3	4	3	5	0
2	9	0	9	0	9	1	9	2	9	3	9	3	10	0
3	13	2	13	3	14	0	14	1	14	2	14	3	15	0
4	18	0	18	1	18	3	19	0	19	2	19	3	20	1
5	22	2	23	0	23	1	23	3	24	1	24	3	25	1
6	27	0	27	2	28	0	28	2	29	1	29	3	30	1
7	31	2	32	0	32	3	33	1	34	0	34	3	35	1
8	36	0	36	3	37	2	38	1	39	0	39	3	40	2
9	40	2	41	1	42	1	43	0	43	3	44	2	45	2
10	45	0	46	0	46	3	47	3	48	3	49	2	50	2
11	49	2	50	2	51	2	52	2	53	2	54	2	55	2
12	54	0	55	1	56	1	57	1	58	2	59	2	60	3
13	58	2	59	3	61	0	62	0	63	1	64	2	65	3
14	63	0	64	1	65	2	68	3	68	1	69	2	70	3
15	67	2	69	0	70	1	71	3	73	0	74	2	75	3
16	72	1	73	2	75	0	76	2	78	0	79	2	81	0
17	76	3	78	1	79	3	81	1	82	3	84	1	86	0
18	81	1	82	3	84	2	86	0	87	3	89	1	91	0
19	85	3	87	1	89	0	90	3	92	2	94	1	96	0
20	90	1	92	0	93	3	95	2	97	2	99	1	101	1
21	94	3	96	2	98	2	100	1	102	1	104	1	106	1
22	99	1	101	1	103	1	105	1	107	1	109	1	111	1
23	103	3	105	3	107	3	110	0	112	0	114	1	116	1
24	108	1	110	2	112	2	114	3	117	0	119	1	121	2
25	112	3	115	0	117	1	119	2	121	3	124	0	126	2
26	117	1	119	2	122	0	124	1	126	3	129	0	131	2
27	121	3	124	1	126	3	129	0	131	2	134	0	136	2
28	126	1	128	3	131	1	133	3	136	2	139	0	141	3
29	130	3	133	2	136	0	138	3	141	1	144	0	146	3
30	135	1	138	0	140	3	143	2	146	1	149	0	151	3
31	139	3	142	2	145	2	148	1	151	0	154	0	156	3
32	144	2	147	1	150	0	153	0	156	0	159	0	162	0
33	149	0	151	3	154	3	157	3	160	3	163	3	167	0
34	153	2	156	2	159	2	162	2	165	3	168	3	172	0
35	158	0	161	0	164	1	167	1	170	2	173	3	177	0
36	162	2	165	3	169	0	172	1	175	2	178	3	182	1
37	167	0	170	1	173	2	177	0	180	1	183	3	187	1
38	171	2	174	3	178	1	181	3	185	1	188	3	192	1
39	176	0	179	2	183	0	186	2	190	0	193	3	197	1
40	180	2	184	0	187	3	191	1	195	0	198	3	202	2

	27 ¼		27 ½		27 ¾		28		28 ¼		28 ½		28 ¾	
1	5	0	5	1	5	1	5	1	5	2	5	2	5	2
2	10	1	10	2	10	2	10	3	11	0	11	1	11	1
3	15	1	15	3	16	0	16	1	16	2	16	3	17	0
4	20	2	21	0	21	1	21	3	22	0	22	2	22	3
5	25	3	26	1	26	2	27	0	27	2	28	0	28	2
6	30	3	31	2	33	0	33	2	33	1	33	3	34	1
7	36	0	36	3	37	1	38	0	38	3	39	1	49	0
8	41	1	42	0	42	3	43	2	44	1	45	0	45	3
9	46	1	47	1	48	0	49	0	49	3	50	3	51	2
10	51	2	52	3	53	1	54	1	55	1	56	1	57	1
11	56	2	57	3	58	3	59	3	60	3	62	0	63	0
12	61	3	63	0	64	0	65	1	66	2	67	2	68	3
13	67	0	68	1	69	2	70	3	72	0	73	1	74	2
14	72	0	73	2	74	3	76	0	77	2	78	3	80	1
15	77	1	78	3	80	0	81	2	83	0	84	2	86	0
16	82	2	84	0	85	2	87	0	88	2	90	1	91	3
17	87	2	89	1	90	3	92	2	94	0	95	3	97	2
18	92	3	94	2	96	1	98	0	99	3	101	2	103	1
19	97	3	99	3	101	2	103	1	105	1	107	0	109	0
20	103	0	105	0	106	3	108	3	110	3	112	3	114	3
21	108	1	110	1	112	1	114	1	116	1	118	1	120	2
22	113	1	115	2	117	2	119	3	121	3	124	0	126	1
23	118	2	120	3	122	3	125	0	127	1	129	2	132	0
24	123	3	126	0	128	1	130	2	135	0	135	1	137	3
25	128	3	131	1	133	2	136	0	138	2	141	0	143	2
26	134	0	136	2	139	0	141	2	144	0	146	2	149	0
27	139	0	141	3	144	1	147	0	149	2	152	1	154	3
28	144	1	147	0	149	2	152	1	155	0	157	3	160	2
29	149	2	152	1	155	1	157	3	160	2	163	2	166	1
30	154	2	157	2	160	1	163	1	166	1	169	0	172	0
31	159	3	162	3	165	3	168	3	171	3	174	3	177	3
32	165	0	168	0	171	0	174	0	177	1	180	2	183	2
33	170	0	173	1	176	1	179	2	182	3	186	0	189	1
34	175	1	178	2	181	3	185	0	188	1	191	3	195	0
35	180	1	183	3	187	0	190	2	193	3	197	0	200	3
36	185	2	189	0	192	2	196	0	199	2	203	0	206	2
37	190	3	194	1	197	3	201	1	205	0	208	2	212	1
38	195	3	199	2	203	0	206	3	210	2	214	1	218	0
39	201	0	204	3	208	2	212	1	216	0	219	3	223	3
40	206	1	210	0	213	3	217	3	221	2	225	2	229	2

	29		29 ¼		29 ½		29 ¾		30		30 ¼		30 ½	
1	5	3	5	3	6	0	6	0	6	1	6	1	6	1
2	11	2	11	3	12	0	12	1	12	2	12	2	12	3
3	17	2	17	3	18	0	18	1	18	3	19	0	19	1
4	23	1	23	3	24	0	24	2	25	0	25	1	25	3
5	29	0	29	2	30	0	30	2	31	1	31	3	32	1
6	35	0	35	2	36	1	36	3	37	2	38	0	38	3
7	40	3	41	2	42	1	43	0	43	3	44	1	45	0
8	46	2	47	2	48	1	49	0	50	0	50	3	51	2
9	52	2	53	1	54	1	55	1	56	1	57	0	58	0
10	58	1	59	1	60	1	61	1	62	2	63	2	64	2
11	64	0	65	1	66	1	67	2	68	3	69	3	71	0
12	70	0	71	1	72	2	73	3	75	0	76	1	77	2
13	75	3	77	0	78	2	79	3	81	1	82	2	83	3
14	81	3	83	0	84	2	86	0	87	2	88	3	90	1
15	87	2	89	0	90	2	92	0	93	3	95	1	96	3
16	93	1	95	0	96	2	98	1	100	0	101	2	103	1
17	99	1	101	0	102	2	104	1	106	1	108	0	109	3
18	105	0	106	3	108	3	110	2	112	2	114	1	116	1
19	110	3	112	3	114	3	116	3	118	3	120	2	122	2
20	116	3	118	3	120	3	122	3	125	0	127	0	129	0
21	122	2	124	3	126	3	129	0	131	1	133	1	135	2
22	128	1	130	2	132	3	135	0	137	2	139	3	142	0
23	134	1	136	2	138	3	141	1	143	3	146	0	148	2
24	140	1	142	2	145	0	147	2	150	0	152	2	155	0
25	146	0	148	2	151	0	153	2	156	1	158	3	161	2
26	151	3	154	1	157	0	159	3	162	2	165	0	167	3
27	157	2	160	1	163	0	165	3	168	3	171	2	174	1
28	163	2	166	1	169	0	172	0	175	0	177	3	180	3
29	169	1	172	1	175	1	178	0	181	1	184	1	187	1
30	175	0	178	0	181	1	184	1	187	2	190	2	193	3
31	181	0	184	0	187	1	190	2	193	3	196	3	200	0
32	186	3	190	0	193	1	196	2	200	0	203	1	206	2
33	192	2	196	0	199	1	202	3	206	1	209	2	213	0
34	198	2	202	0	205	1	208	3	212	2	216	0	219	2
35	204	1	207	3	211	2	215	0	218	3	222	1	226	0
36	210	1	213	3	217	2	221	1	225	0	228	3	232	2
37	216	0	219	3	223	2	227	1	231	1	235	0	239	0
38	221	3	225	3	229	2	233	2	237	2	241	1	245	1
39	227	3	231	2	235	2	239	2	243	3	247	3	251	3
40	233	2	237	2	241	2	245	3	250	0	254	0	258	1

	30	¾	31		31	¼	31	½	31	¾	32		32	¼
1	6	2	6	2	6	3	6	3	7	0	7	0	7	0
2	13	0	13	1	13	2	13	3	14	0	14	0	14	1
3	19	2	20	0	20	1	20	2	21	0	21	1	21	2
4	26	1	26	2	27	0	27	2	28	0	28	1	28	3
5	32	3	33	1	33	3	34	1	35	0	35	2	36	0
6	39	1	40	0	40	2	41	1	42	0	42	2	43	1
7	45	3	46	2	47	1	48	0	49	0	49	3	50	2
8	52	2	53	1	54	1	55	0	56	0	56	3	57	3
9	59	0	60	0	61	0	62	0	63	0	64	0	65	0
10	65	2	66	2	67	3	68	3	70	0	71	0	72	0
11	72	0	73	1	74	2	75	3	77	0	78	0	79	1
12	78	3	80	0	81	1	82	2	84	0	85	1	86	2
13	85	1	86	3	88	0	89	2	91	0	92	1	93	3
14	91	3	93	1	94	3	96	1	98	0	99	2	101	0
15	98	1	100	0	101	2	103	1	105	0	106	2	108	1
16	105	0	106	3	108	2	110	1	112	0	113	3	115	2
17	111	2	113	1	115	1	117	0	119	0	120	3	122	3
18	118	0	120	0	122	0	124	0	126	0	128	0	130	0
29	124	3	126	3	128	3	130	3	333	0	135	0	137	0
20	131	1	133	1	135	2	137	3	140	0	142	0	144	1
21	137	3	140	0	142	1	144	2	147	0	149	1	151	2
22	144	1	146	3	149	0	151	2	154	0	156	1	158	3
23	151	0	153	1	155	3	158	1	161	0	163	2	166	0
24	157	2	160	0	162	3	165	1	168	0	170	2	173	1
25	164	0	166	3	169	2	172	1	175	0	177	3	180	2
26	170	2	173	2	176	1	179	0	182	0	184	3	187	3
27	177	1	180	0	183	0	186	0	189	0	192	0	195	0
28	183	3	186	3	189	3	192	3	196	0	199	0	202	0
39	190	1	193	2	196	2	199	3	203	0	206	0	209	1
30	196	3	200	0	203	1	206	2	210	0	213	1	216	2
31	203	2	206	3	210	0	213	2	217	0	220	1	223	3
32	210	0	213	2	217	0	220	2	224	0	227	2	231	0
33	216	2	220	0	223	3	227	1	231	0	234	2	238	1
34	223	1	226	3	230	2	234	1	238	0	241	3	245	2
35	229	3	233	2	237	1	241	0	245	0	248	3	252	3
36	236	1	240	1	244	0	248	0	252	0	256	0	260	0
37	242	3	246	3	250	3	154	3	259	0	263	0	267	0
38	249	2	252	2	257	2	261	3	266	0	270	0	274	0
39	256	0	260	1	264	1	268	2	273	0	277	1	281	2
40	262	2	266	3	271	1	275	2	280	0	284	1	288	3

	32	½	32	¾	33		33	¼	33	½	33	¾	34	
1	7	1	7	1	7	2	7	2	7	3	7	3	8	0
2	14	2	14	3	15	0	15	1	15	2	15	3	16	0
3	22	0	22	1	22	2	23	0	23	1	23	2	24	0
4	29	1	29	3	30	1	30	2	31	0	31	2	32	0
5	36	2	37	0	37	3	38	1	38	3	39	2	40	0
6	44	0	44	2	45	1	46	0	46	3	47	1	48	0
7	51	1	52	0	52	3	52	3	54	2	55	1	56	0
8	58	2	59	2	60	2	61	1	62	1	63	1	64	0
9	66	0	67	0	68	0	69	0	70	0	71	0	72	1
10	73	1	74	1	75	2	76	3	77	3	79	0	80	1
11	80	2	81	3	83	0	84	1	85	2	87	0	88	1
12	88	0	89	1	90	3	92	0	93	2	94	3	96	1
13	95	1	96	3	98	1	99	3	101	1	102	3	104	1
14	102	2	104	1	105	3	107	1	109	0	110	2	112	1
15	110	0	111	2	113	1	115	0	116	3	118	2	120	1
16	117	1	119	0	121	0	122	3	124	2	126	2	128	1
17	124	2	126	2	128	2	130	2	132	1	134	1	136	1
18	132	0	134	0	136	0	138	0	140	1	142	1	144	2
19	139	1	141	2	143	2	145	3	148	0	150	1	152	2
20	146	2	148	3	151	1	153	2	155	3	158	0	160	2
21	154	0	156	1	158	3	161	0	163	2	166	0	168	2
22	161	1	163	3	166	1	168	3	171	1	174	0	176	2
23	168	2	171	1	173	3	176	2	179	0	181	3	184	2
24	176	0	178	3	181	2	184	1	187	0	189	3	192	2
25	183	1	186	0	189	0	191	3	194	3	197	3	200	2
26	190	2	193	2	196	2	199	2	202	2	205	2	208	2
27	198	0	201	0	204	0	207	1	210	1	213	2	216	3
28	205	1	208	2	211	3	214	3	218	0	221	1	224	3
29	212	2	216	0	219	1	222	2	226	0	229	1	232	3
30	220	0	223	1	226	3	230	1	233	3	237	1	240	3
31	227	1	230	3	234	1	238	0	241	2	245	0	248	3
32	234	2	238	1	242	0	245	2	249	1	253	0	256	3
33	242	0	245	3	249	2	253	1	257	0	261	0	264	3
34	249	1	253	0	257	0	261	0	264	3	268	3	272	3
35	256	2	260	2	264	2	268	2	272	3	276	3	280	3
36	264	0	268	0	272	1	276	1	280	2	284	3	289	0
37	271	1	275	2	279	3	284	0	288	1	292	2	297	0
38	278	2	283	0	287	1	291	2	296	0	300	2	305	0
39	286	0	290	1	294	3	299	1	303	3	308	1	313	0
40	293	1	297	3	302	2	307	1	311	2	316	1	321	0

	34 ¼		34 ½		34 ¾		35		35 ¼		35 ½		35 ¾	
1	8	0	8	1	8	1	8	2	8	2	8	3	8	3
2	16	1	16	2	16	3	17	0	17	1	17	2	17	3
3	24	1	24	3	25	0	25	2	25	3	26	1	26	2
4	32	2	33	0	33	2	34	0	34	2	35	0	35	2
5	40	2	41	1	41	3	42	2	43	0	43	3	44	1
6	48	3	49	2	50	1	51	0	51	3	52	2	53	1
7	57	0	57	3	58	2	59	2	60	1	61	1	62	0
8	65	0	66	0	67	0	68	0	69	0	70	0	71	0
9	73	1	74	1	75	1	76	2	77	2	78	3	79	3
10	81	1	82	2	83	3	85	0	86	1	87	2	88	3
11	89	2	90	3	92	0	93	2	94	3	96	1	97	2
12	97	3	99	0	100	2	102	0	103	2	105	0	106	2
13	105	3	107	1	109	0	110	2	112	0	113	3	115	1
14	114	0	115	2	117	1	119	0	120	3	122	2	124	1
15	122	0	123	3	125	3	127	2	129	1	131	1	133	0
16	130	1	132	1	134	0	136	0	138	0	140	0	142	0
17	138	1	140	2	142	2	144	2	146	2	148	3	150	3
18	146	2	148	3	150	3	153	0	155	1	157	2	159	3
19	154	3	157	0	159	1	161	2	163	3	166	1	168	2
20	162	3	165	1	167	2	170	0	172	2	175	0	177	2
21	171	0	173	2	176	0	178	2	181	0	183	3	186	1
22	179	0	181	3	184	1	187	0	189	3	192	2	195	1
23	187	1	190	0	192	3	195	2	198	1	201	1	204	0
24	195	2	198	1	201	1	204	0	207	0	210	0	213	0
25	203	2	206	2	209	2	212	2	215	2	218	3	221	3
26	211	3	214	3	218	0	221	0	224	1	227	2	230	3
27	219	3	223	0	226	1	229	2	232	3	236	1	239	2
28	228	0	231	1	234	3	238	0	241	2	245	0	248	2
29	236	0	239	3	243	0	246	2	250	0	253	3	257	1
30	244	1	247	3	251	2	255	0	258	3	262	2	266	1
31	252	2	256	0	259	3	263	2	267	1	271	1	275	0
32	260	2	264	2	268	1	272	0	276	0	280	0	284	0
33	268	3	272	3	276	2	280	2	284	3	288	3	292	3
34	176	3	281	0	285	0	289	0	293	1	297	2	301	3
35	185	0	289	1	293	2	297	2	302	0	306	1	310	2
36	293	1	297	2	301	3	306	1	310	2	315	0	319	2
37	301	1	305	3	310	1	314	3	319	1	323	3	328	1
38	309	2	314	0	318	2	323	1	327	3	332	2	337	1
39	317	2	322	1	327	0	331	3	336	2	341	1	346	0
40	325	3	330	2	335	1	340	1	345	0	350	0	355	0

THE EXPLANATION and USE

Of the foregoing TABLE of

Solid Meaſure.

THE Figures on the Top of the Table over each Column, are the Sides of the Square, or Girt, of any Piece of Timber, Stone, *&c.* to be meaſured, and is expreſſed in Inches and Quarters, from 6 Inches Square to 36, (a Tree leſs than ſix Inches girt is not in common allowed the Name of Timber) the Numbers ſucceeding from 6 to 6. $\frac{1}{4}$, 6. $\frac{1}{2}$, 6, $\frac{3}{4}$, *&c.* to 36, are 6 Inches, 6 and one Quarter, 6 and 2 Quarters, and 6 and 3 Quarters, *&c.* Square, or one fourth of the Girt: And the Figures down the Left-hand Column of each Page, numbered from 1, to 40, are the Length of the Tree, *&c.* in Feet, and under the Girt, and againſt the Length, is the Content.

Example

Example I.

What is the Content of a Piece of Timber whoſe Length is 22 Foot, and the Side of the Square or Girt 9 Inches.

Firſt ſeek at the Top of the Table for the Girt 9 Inches, and in the Column under it, and againſt 22 Foot the Length in the Left-hand Column, in the common Angle you have 12. 1. *viz.* 12 Foot and 1 Quarter of a Foot, for the Content requir'd.

In the ſame Manner you will find that 35 Foot Long, and 16 Inches two Quarters Girt, gives 66. 0. *viz.* 66 Foot.

And again, 40 Foot Long, and 29 Inches 3 Quarters Girt, gives 245. 3. *viz.* 245 Foot, and 3 Quarters of a Foot.

But if the Girt, or Side of the Square of a Piece, be larger than any in the Table, obſerve this Rule. Seek the Content of a Piece to Half that Girt, and 4 times the Content thereof, will be the Content required.

Example II.

What is the Content of a Piece of Timber, or Stone, &c. *whoſe Length is* 30 *Foot, and the Girt, or Side of the Square* 46 *Inches.*

Seek the Half of the Side of the given Square, which is 23 Inches, and againſt the Length 30 Foot, is 110 Foot, and 4 times 110 Foot is 440 Foot, the true Content of the Piece whoſe Side is 46 Inches, and the Length 30 Foot, and the ſame for any other of the like Nature.

TABLE

TABLE II.

OF

Flat Meaſure.

AS

Board, Plank, Pavement, Glaſs, *&c.*

Ready caſt up,

From 5 to 18 Inches Square, and from 1 Foot to 30 Foot Long.

AND

By ADDITION, will ſerve to any greater Breadth or Length.

	5		5½		6		6½		7		7½		8		8½		9		9½	
1	0	1	0	1	0	2	0	2	0	2	0	2	0	2	0	2	0	3	0	3
2	0	3	0	3	1	0	1	0	1	0	1	1	1	1	1	1	1	2	1	2
3	1	1	1	1	1	2	1	2	1	3	1	3	2	0	2	0	2	1	2	1
4	1	2	1	3	2	0	2	0	2	1	2	2	2	2	2	3	3	0	3	0
5	2	0	2	1	2	2	2	2	2	3	3	0	3	1	3	2	3	3	3	3
6	2	2	2	3	3	0	3	1	3	2	3	3	4	0	4	1	4	2	4	3
7	2	3	3	0	3	2	3	3	4	0	4	1	4	2	4	3	5	1	5	2
8	3	1	3	2	4	0	4	1	4	2	5	0	5	1	5	2	6	0	6	1
9	3	3	4	0	4	2	4	3	5	1	5	2	6	0	6	1	6	3	7	0
10	4	0	4	2	5	0	5	1	5	3	6	1	6	2	7	0	7	2	7	3
11	4	2	5	0	5	2	5	3	6	1	6	3	7	1	7	3	8	1	8	2
12	5	0	5	2	6	0	6	2	7	0	7	2	8	0	8	2	9	0	9	2
13	5	1	5	3	6	2	7	0	7	2	8	0	8	2	9	0	9	3	10	1
14	5	3	6	1	7	0	7	2	8	0	8	3	9	1	9	3	10	2	11	0
15	6	1	6	3	7	2	8	0	8	3	9	1	10	0	10	2	11	1	11	3
16	6	2	7	1	8	0	8	2	9	1	10	0	10	2	11	1	12	0	12	2
17	7	0	7	3	8	2	9	0	9	3	10	2	11	1	12	0	12	3	13	1
18	7	2	8	1	9	0	9	3	10	2	11	1	12	0	12	3	13	2	14	1
19	7	3	8	2	9	2	10	1	11	0	11	3	12	2	13	1	14	1	15	0
20	8	1	9	0	10	0	10	3	11	2	12	2	13	1	14	0	15	0	15	3
21	8	3	9	2	10	2	11	1	11	1	13	0	14	1	14	3	15	3	16	2
22	9	0	10	0	11	0	11	3	11	3	13	3	14	3	15	2	16	2	17	1
23	9	2	10	2	11	2	12	1	12	1	14	1	15	2	16	1	17	1	18	0
24	10	0	11	0	12	0	13	0	13	0	15	0	16	1	17	0	18	0	19	0
25	10	1	11	1	12	2	13	2	13	2	15	2	16	3	17	2	18	3	19	3
26	10	3	11	3	13	0	14	0	14	0	16	1	17	2	18	1	19	2	20	2
27	11	1	12	1	13	2	14	2	14	3	16	3	18	1	19	0	20	1	21	1
28	11	2	12	3	14	0	15	0	15	1	17	2	18	3	19	3	21	0	22	0
29	12	0	13	1	14	2	15	2	15	3	18	0	19	2	20	2	21	3	23	0
30	12	2	13	3	15	0	16	1	16	2	18	3	20	1	21	1	22	2	23	3

	10		10 ½		11		11 ½		12		13		14		15		16		17		18	
1	0	3	0	3	0	3	0	3	1	0	1	0	1	0	1	1	1	1	1	1	1	2
2	1	2	1	3	1	3	1	3	2	0	2	0	2	1	2	2	2	2	2	3	3	0
3	2	2	2	2	2	3	2	3	3	0	3	1	3	2	3	3	4	0	4	1	4	2
4	3	1	3	2	3	2	3	3	4	0	4	1	4	2	5	0	5	1	5	2	6	0
5	4	0	4	1	4	2	4	3	5	0	5	1	5	3	6	1	6	2	7	0	7	2
6	5	0	5	1	5	2	5	3	6	0	6	2	7	0	7	2	8	0	8	2	9	0
7	5	3	6	0	6	1	6	2	7	0	7	2	8	0	8	3	9	1	9	3	10	2
8	6	2	7	0	7	1	7	2	8	0	8	2	9	1	10	0	10	2	11	1	12	0
9	7	2	7	3	8	1	8	2	9	0	9	3	10	2	11	1	12	0	12	3	13	2
10	8	1	8	3	9	0	9	2	10	0	10	3	11	2	12	2	13	1	14	0	15	0
11	9	0	9	2	10	0	10	2	11	0	11	3	12	3	13	3	14	2	15	2	16	2
12	10	0	10	2	11	0	11	2	12	0	13	0	14	0	15	0	16	0	17	0	18	0
13	10	3	11	1	11	3	12	1	13	0	14	0	15	0	16	1	17	1	18	1	19	2
14	11	2	12	1	12	3	13	1	14	0	15	0	16	1	17	2	18	2	19	3	21	0
15	12	2	13	0	13	3	14	1	15	0	16	1	17	2	18	3	20	0	21	1	22	2
16	13	1	14	0	14	2	15	1	16	0	17	1	18	2	20	0	21	1	22	2	24	0
17	14	0	14	3	15	2	16	1	17	0	18	1	19	3	21	1	22	2	24	0	25	2
18	15	0	15	3	16	2	17	1	18	0	19	2	21	0	22	2	24	0	25	2	27	0
19	15	3	16	2	17	1	18	0	19	0	20	2	22	0	23	3	25	1	26	3	28	2
20	16	2	17	2	18	1	19	0	20	0	21	2	23	1	25	0	26	2	28	1	30	0
21	17	2	18	1	19	1	20	0	21	0	22	3	24	2	26	1	28	0	29	3	31	2
22	18	1	19	1	20	0	21	0	22	0	23	3	25	2	27	2	29	1	31	0	33	0
23	19	0	20	0	21	0	22	0	23	0	24	3	26	3	28	3	30	2	32	2	34	2
24	20	0	21	0	22	0	23	0	24	0	26	0	28	0	30	0	32	0	34	0	36	0
25	20	3	21	3	23	3	23	3	25	0	27	1	29	0	31	1	33	1	35	1	37	2
26	21	2	22	3	24	2	24	3	26	0	28	1	30	1	32	2	34	2	36	3	39	0
27	22	2	23	2	25	2	25	3	27	0	29	1	31	2	33	3	36	0	38	1	40	2
28	23	1	24	2	26	1	26	3	28	0	30	2	32	2	35	0	37	1	39	2	42	0
29	24	0	25	1	27	1	27	3	29	0	31	2	33	3	36	1	38	2	41	0	43	2
30	25	0	26	1	28	1	28	3	30	0	32	2	35	0	37	2	40	0	42	2	45	0

THE

EXPLANATION and USE

Of the foregoing TABLE of

Flat Meaſure.

THIS Table conſiſts of two Pages, and on the Top of every Column, in each Page, is exhibited the Breadth of the Board, Plank, *&c.* in Inches and Halfs, begining at 5 Inches, and from thence to 5 and a half, and ſo on to 12 Inches, and from 12 Inches to 13, *&c.* to 18 Inches; the firſt Column towards the Left-hand in each Page is the Length of the Board, *&c.* in Feet, begining at 1, and ending at 30. ſo that under the Breadth, and againſt the Length of any Board, *&c.* you have ſet down the Content in Feet, and Quarters of Feet.

Example I.

There is a Board 10 *Inches Broad, and* 15 *Foot Long, how many Feet are there in that Board?*

Seek 10 Inches the Breadth on the Top of the Columns, and 15 Foot the Length in the firſt Column, and in the Angle of meeting you will find ſet down 12. 2. *viz.* 12 Foot 2 Quarters, or a Half, the Content requir'd.

Example II.

There is a Board 11 *Inches and a half Broad, and* 20 *Foot Long, how many ſquare Feet are there in it?*

Find 11 Inches and a half at the Top of the Columns, and 20 Foot the Length, in the firſt Column, and directly againſt thoſe two Numbers you have ſet down 19. 0. *viz.* 19 Feet, for the Content thereof.

Example III.

There is a Board 19 Inches and a half Broad, and 12 Foot Long, how many ſquare Feet are contained therein?

Since this Table goes but to 18 Inches Broad, therefore you muſt take out the 19 Inches and a half at twice, thus;

12 Foot Long, and

	Ft.	*Q.*
10 Inches Broad is	10	0
9 Inches and a half Broad is	9	2
19 Inches and a half Broad, and 12 Foot Long is	19	2

Example IV.

There is a Board 23 Inches Broad, and 17 Foot Long, what's the Content?

	Ft.	*Q.*
17 Ft Long and 17 Inch. Broad is	24	0
17 Ft Long and 6 Inch. Broad is	8	2
17 Foot Long and 23 Inches Broad is	32	2

TABLE III.

OF

Timber and Plank.

Which at once ſhews how many Feet are contained in any Number of Loads, from a Quarter of a Load, to 30 Load, of either rough or ſquared Timber, or of Plank of any Thickneſs, from 1 Inch, to 4 Inches Thick, and the contrary.

Loads	Rough Timber	Square Timber	1 Inch Plank	1 ½ Inch Plank	2 Inch Plan.	2 ½ Inch Plan.	3 Inch Plan.	3 ½ Inch Plan.	4 Inch Plan
¼	10	12½	150	100	75	60	50	42½	37½
½	20	25	300	200	150	120	100	85	75
¾	30	37½	450	300	225	180	150	127½	112½
1	40	50	600	400	300	240	200	170	150
2	80	100	1200	800	600	480	400	340	300
3	120	150	1800	1200	900	720	600	510	450
4	160	200	2400	1600	1200	960	800	680	600
5	200	250	3000	2000	1500	1200	1000	850	750
6	240	300	3600	2400	1800	1440	1200	1020	900
7	280	350	4200	2800	2100	1680	1400	1190	1050
8	320	400	4800	3200	2400	1920	1600	1360	1200
9	360	450	5400	3600	2700	2160	1800	1530	1350
10	400	500	6000	4000	3000	2400	2000	1700	1500
11	440	550	6600	4400	3300	2640	2200	1870	1650
12	480	600	7200	4800	3600	2880	2400	2040	1800
13	520	650	7800	5200	3900	3120	2600	2210	1950
14	560	700	8400	5600	4200	3360	2800	2380	2100
15	600	750	9000	6000	4500	3600	3000	2550	2250
16	640	800	9600	6400	4800	3840	3200	2720	2400
17	680	850	10200	6800	5100	4080	3400	2890	2550
18	720	900	10800	7200	5400	4320	3600	3060	2700
19	760	950	11400	7600	5700	4560	3800	3230	2850
20	800	1000	12000	8000	6000	4800	4000	3400	3000
21	840	1050	12600	8400	6300	5040	4200	3570	3150
22	880	1100	13200	8800	6600	5280	4400	3740	3300
23	920	1150	13800	9200	6900	5520	4600	3910	3450
24	960	1200	14400	9600	7200	5760	4800	4080	3600
25	1000	1250	15000	10000	7500	6000	5000	4250	3750
26	1040	1300	15600	10400	7800	6240	5200	4420	3900
27	1080	1350	16200	10800	8100	6480	5400	4590	4050
28	1120	1400	16800	11200	8400	6720	5600	4760	4200
29	1160	1450	17400	11600	8700	6960	5800	4930	4350
30	1200	1500	18000	12000	9000	7200	6000	5100	4500

THE

EXPLANATION and USE

Of the TABLE of

Timber and Plank.

OVER the Top of each Column you have written the Contents thereof, and in the Left-hand Column, againſt the three firſt Lines are contained 1 Quarter, 1 Half, and 3 Quarters of a Load of the above Contents ; an Example or two will make it plain.

Example I.

In 10 *Load of two Inch Plank how many Feet ?*

Seek for 10 in the firſt Column towards the Left-hand, which is under Loads, and right againſt it, under 2 Inch Plank, on the Top of the Columns, you have

have 3000 Foot, the Number of Feet in 10 Loads of two Inch Plank as requir'd.

Example II.

In 12 Load of rough Timber how many Feet?

Look for 12 in the firſt Column, and in the next Column, under rough Timber, right againſt 12 you have 480 Foot for the Content as requir'd.

Example III.

In 2210 Foot of three Inch and a half Plank, how many Load?

Under three Inch and a Half Plank ſeek for 2210 Foot, and right againſt it, under Loads in the firſt Column, you will find 13, the Number of Loads requir'd.

Example IV.

In 4860 Foot of two Inch and a Half Plank how many Loads?

Under two Inch and a Half Plank on the Top of the Table ſeek for 4860 Foot, but you will find that it is not there, therefore ſeek for the next Number that is leſs than the Number propoſed, which you will find to be 4800, which is 60 leſs than the Number given, and right againſt the 4800 in the firſt Column, is 20 Load, the 60 Foot remaining is a Quarter of a Load, as by the Table appears, if you look againſt a Quarter in the firſt Column; and under two Inch and a Half Plank, at the Top of the Table, ſo that in 4860 Foot of two Inch and an Half Plank are 60 Load and 60 Foot, or one Quarter of a Load.

◆

TABLE

TABLE IV.

OF

Square and Cubical Meaſure.

Which at once ſhews how many Inches are contained in any Number of Feet, Square or Cubical, from one Quarter of a Foot to 30 Foot; alſo how many Feet are contained in any Number of Yards Square or Cubical, from a Quarter of a Yard, to 30 Yards; likewiſe how many Feet are contained in 30 Rod Long or Square.

Number	Square Inches in 30 Feet	Cubical Inch. in 30 Cub. Feet	Square Feet in 30 Squ. Yards	Cub. Feet Feet in 30 Cub. Yards	Feet in 30 Rod Long	Square Feet in 30 R. Square
¼	36	432	2¼	6¾	4⅛	68 1/16
½	72	864	4½	13½	8¼	136⅛
¾	108	1296	6¾	20¼	12⅜	204 3/16
1	144	1728	9	27	16½	272¼
2	288	3456	18	54	33	544½
3	432	5184	27	81	49½	816¾
4	576	6912	36	108	66	1089
5	720	8640	45	135	82½	1361¼
6	864	10368	54	162	99	1633½
7	1008	12096	63	189	115½	1905¾
8	1152	13824	72	216	132	2178
9	1296	15552	81	243	148½	2450¼
10	1440	17280	90	270	165	2722½
11	1584	19008	99	297	181½	2994¾
12	1728	20736	108	324	198	3267
13	1872	22464	117	351	214½	3539¼
14	2016	24192	126	378	231	3811½
15	2160	25920	135	405	247½	4083¾
16	2304	27648	144	432	264	4356
17	2448	29376	153	459	280½	4628¼
18	2592	31104	162	486	297	4890½
19	2736	32832	171	513	313½	5172¾
20	2880	34560	180	540	330	5445
21	3024	36288	189	567	346½	5717¼
22	3168	38016	198	594	363	5989½
23	3312	39744	207	621	379½	6261¾
24	3456	41472	216	648	396	6534
25	3600	43200	225	675	412½	6806¼
26	3744	44928	234	702	429	7078½
27	3888	46656	243	729	445½	7340¾
28	4032	48384	252	756	462	7623
29	4176	50112	261	783	478½	7895¼
30	4320	51840	270	810	495	8167½

THE EXPLANATION and USE Of the TABLE of Square and Cubical Meaſure.

ON the Top of the Table over each of the Columns is writ the Contents thereof, and directly under the Contents, incloſed within three Lines, is contained the Quarter, Half, and three Quarters of one of the above written Contents, *viz.* of a Foot, Yard, *&c.* the firſt Column towards the Left-hand is figured from a Quarter to 30, and do ſignify that there are ſo many Feet, Yards, Rods, *&c.* contained in each of the other Columns againſt every Number.

Example I.

In 2448 *Square Inches how many Square or Superficial Feet?*

Look

Look for 2448 in the ſecond Column, which is the Column of Square Inches, and right againſt it in the firſt Column ſtands 17, which is the Number of Square or Superficial Feet contained in 2448 Square Inches, as requir'd.

Example II.

In 39744 *Cubical Inches, how many Cubical Feet?*

Seek for 39744 in the third Column, which is the Column of Cubical Inches, and againſt it in the firſt Column ſtands 23, the Number of Cubical or Solid Feet contained therein, as required.

Example III.

In 110 *Foot Superficial Meaſure, how many Yards?*

In the fourth Column, under Square Feet, ſeek for 110, but you will find that it is not there, therefore in ſuch Caſe when the Number is not to be exactly found in the Column propoſed, obſerve this *Rule*. Seek the next neareſt Number that is leſs than the Number propoſed, and ſubſtract it from the given Number, and note the Remainder, and right againſt that neareſt Number, in the firſt Column, you have the required Content, and the Remainder are ſo many Feet, or Inches, but always of the ſame Name as the given Number: As in this Example, the neareſt Number in the fourth Column to the Number given, that is leſs than the given Number, is 108, which if ſubſtracted from 110, there remains 2 Feet, and right againſt 108 in the firſt Column ſtands 12, the ſquare Yards in 108 Feet, ſo that in 110 Feet there are 12 Yards and 2 Foot.

I think it needleſs to give any more Examples, becauſe the Uſe of the whole Table is the ſame in every reſpect as in the Examples given.

TABLE

TABLE V.

OF

Brick-Work Reduced.

Which by Inſpection ſhews how many Rods, Quarters of Rods, Feet and Inches are contained in any Number of ſuperficial Feet, from 1 Foot to 4828 Feet, and ſo on *ad infinitum*; and from half a Brick thick to two and a half, five, or ten Bricks thick.

Feet	½ Brick				1 Brick				1½ Brick				2 Bricks				2½ Bricks			
	r.	q.	f	i	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.	r	q.	f.	i.
1	0	0	0	4	0	0	0	8	0	0	1	0	0	0	1	4	0	0	1	8
2	0	0	0	8	0	0	1	4	0	0	2	0	0	0	2	8	0	0	3	4
3	0	0	1	0	0	0	2	0	0	0	3	0	0	0	4	0	0	0	5	0
4	0	0	1	4	0	0	2	8	0	0	4	0	0	0	5	4	0	0	6	8
5	0	0	1	8	0	0	3	4	0	0	5	0	0	0	6	8	0	0	8	4
6	0	0	2	0	0	0	4	0	0	0	6	0	0	0	8	0	0	0	10	0
7	0	0	2	4	0	0	4	8	0	0	7	0	0	0	9	4	0	0	11	8
8	0	0	2	8	0	0	5	4	0	0	8	0	0	0	10	8	0	0	13	4
9	0	0	3	0	0	0	6	0	0	0	9	0	0	0	12	0	0	0	15	0
10	0	0	3	4	0	0	6	8	0	0	10	0	0	0	13	4	0	0	16	8
11	0	0	3	8	0	0	7	4	0	0	11	0	0	0	14	8	0	0	18	4
12	0	0	4	0	0	0	8	0	0	0	12	0	0	0	16	0	0	0	20	0
13	0	0	4	4	0	0	8	8	0	0	13	0	0	0	17	4	0	0	21	8
14	0	0	4	8	0	0	9	4	0	0	14	0	0	0	18	8	0	0	23	4
15	0	0	5	0	0	0	10	0	0	0	15	0	0	0	20	0	0	0	25	0
16	0	0	5	4	0	0	10	8	0	0	16	0	0	0	21	4	0	0	26	8
17	0	0	5	8	0	0	11	4	0	0	17	0	0	0	22	8	0	0	28	4
18	0	0	6	0	0	0	12	0	0	0	18	0	0	0	24	0	0	0	30	0
19	0	0	6	4	0	0	12	8	0	0	19	0	0	0	25	4	0	0	31	8
20	0	0	6	8	0	0	13	4	0	0	20	0	0	0	26	8	0	0	33	4
21	0	0	7	0	0	0	14	0	0	0	21	0	0	0	28	0	0	0	35	0
22	0	0	7	4	0	0	14	8	0	0	22	0	0	0	29	4	0	0	36	8
23	0	0	7	8	0	0	15	4	0	0	23	0	0	0	30	8	0	0	38	4
24	0	0	8	0	0	0	16	0	0	0	24	0	0	0	32	0	0	0	40	0
25	0	0	8	4	0	0	16	8	0	0	25	0	0	0	33	4	0	0	41	8
26	0	0	8	8	0	0	17	4	0	0	26	0	0	0	34	8	0	0	43	4
27	0	0	9	0	0	0	18	0	0	0	27	0	0	0	36	0	0	0	45	0
28	0	0	9	4	0	0	18	8	0	0	28	0	0	0	37	4	0	0	46	8
29	0	0	9	8	0	0	19	4	0	0	29	0	0	0	38	8	0	0	48	4
30	0	0	10	0	0	0	20	0	0	0	30	0	0	0	40	0	0	0	50	0
31	0	0	10	4	0	0	20	8	0	0	31	0	0	0	41	4	0	0	51	8
32	0	0	10	8	0	0	21	4	0	0	32	0	0	0	42	8	0	0	53	4
33	0	0	11	0	0	0	22	0	0	0	33	0	0	0	44	0	0	0	55	0
34	0	0	11	4	0	0	22	8	0	0	34	0	0	0	45	4	0	0	56	8

Feet	½ Brick				1 Brick				1½ Brick				2 Bricks				2½ Bricks			
	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i	r.	q.	f.	i
35	0	0	11	8	0	0	23	4	0	0	35	0	0	0	46	8	0	0	58	4
36	0	0	12	0	0	0	24	0	0	0	36	0	0	0	48	0	0	0	60	0
37	0	0	12	4	0	0	24	8	0	0	37	0	0	0	49	4	0	0	61	8
38	0	0	12	8	0	0	25	4	0	0	38	0	0	0	50	8	0	0	63	4
39	0	0	13	0	0	0	26	0	0	0	39	0	0	0	52	0	0	0	65	0
40	0	0	13	4	0	0	26	8	0	0	40	0	0	0	53	4	0	0	66	8
41	0	0	13	8	0	0	27	4	0	0	41	0	0	0	54	8	0	1	0	4
42	0	0	14	0	0	0	28	0	0	0	42	0	0	0	56	0	0	1	2	0
43	0	0	14	4	0	0	28	8	0	0	43	0	0	0	57	4	0	1	3	8
44	0	0	14	8	0	0	29	4	0	0	44	0	0	0	58	8	0	1	5	4
45	0	0	15	0	0	0	30	0	0	0	45	0	0	0	60	0	0	1	7	0
46	0	0	15	4	0	0	30	8	0	0	46	0	0	0	61	4	0	1	8	8
47	0	0	15	8	0	0	31	4	0	0	47	0	0	0	62	8	0	1	10	4
48	0	0	16	0	0	0	32	0	0	0	48	0	0	0	64	0	0	1	12	0
49	0	0	16	4	0	0	32	8	0	0	49	0	0	0	65	4	0	1	13	8
50	0	0	16	8	0	0	33	4	0	0	50	0	0	0	66	8	0	1	15	4
51	0	0	17	0	0	0	34	0	0	0	51	0	0	1	0	0	0	1	17	0
52	0	0	17	4	0	0	34	8	0	0	52	0	0	1	1	4	0	1	18	8
53	0	0	17	8	0	0	35	4	0	0	53	0	0	1	2	8	0	1	20	4
54	0	0	18	0	0	0	36	0	0	0	54	0	0	1	4	0	0	1	22	0
55	0	0	18	4	0	0	36	8	0	0	55	0	0	1	5	4	0	1	23	8
56	0	0	18	8	0	0	37	4	0	0	56	0	0	1	6	8	0	1	25	4
57	0	0	19	0	0	0	38	0	0	0	57	0	0	1	8	0	0	1	27	0
58	0	0	19	4	0	0	38	8	0	0	58	0	0	1	9	4	0	1	28	8
59	0	0	19	8	0	0	39	4	0	0	59	0	0	1	10	8	0	1	30	4
60	0	0	20	0	0	0	40	0	0	0	60	0	0	1	12	0	0	1	32	0
61	0	0	20	4	0	0	40	8	0	0	61	0	0	1	13	4	0	1	33	8
62	0	0	20	8	0	0	41	4	0	0	62	0	0	1	14	8	0	1	35	4
63	0	0	21	0	0	0	42	0	0	0	63	0	0	1	16	0	0	1	37	0
64	0	0	21	4	0	0	42	8	0	0	64	0	0	1	17	4	0	1	38	8
65	0	0	21	8	0	0	43	4	0	0	65	0	0	1	18	8	0	1	40	4
66	0	0	22	0	0	0	44	0	0	0	66	0	0	1	20	0	0	1	42	0
67	0	0	22	4	0	0	44	8	0	0	67	0	0	1	21	4	0	1	43	8
68	0	0	22	8	0	0	45	4	0	1	0	0	0	1	22	8	0	1	45	4

Feet	½ Brick				1 Brick				1½ Brick				2 Bricks				2½ Bricks			
	r.	q.	f.	i.	r.	q.	f.	i	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.
136	0	0	45	4	0	1	22	8	0	2	0	0	0	2	45	4	0	3	22	8
204	0	1	0	0	0	2	0	0	0	3	0	0	1	0	0	0	1	1	0	0
272	0	1	22	8	0	2	45	4	1	0	0	0	1	1	22	8	1	2	45	4
340	0	1	45	4	0	3	22	8	1	1	0	0	1	2	45	4	2	0	22	8
408	0	2	0	0	1	0	0	0	1	2	0	0	2	0	0	0	2	2	0	0
476	0	2	22	8	1	0	45	4	1	3	0	0	2	1	22	8	2	3	45	4
544	0	2	45	4	1	1	22	8	2	0	0	0	2	2	45	4	3	1	22	8
612	0	3	0	0	1	2	0	0	2	1	0	0	3	0	0	0	3	3	0	0
687	0	3	22	8	1	2	45	4	2	2	0	0	3	1	22	8	4	0	45	4
748	0	3	45	4	1	3	22	8	2	3	0	0	3	2	45	4	4	2	22	8
816	1	0	0	0	2	0	0	0	3	0	0	0	4	0	0	0	5	0	0	0
884	1	0	22	8	2	0	45	4	3	1	0	0	4	1	22	8	5	1	45	4
952	1	0	45	4	2	1	22	8	3	2	0	0	4	2	45	4	5	3	22	8
1020	1	1	0	0	2	2	0	0	3	3	0	0	5	0	0	0	6	1	0	0
1088	1	1	22	8	2	2	45	4	4	0	0	0	5	1	22	8	6	2	45	4
1156	1	1	45	4	2	3	22	8	4	1	0	0	5	2	45	4	7	0	22	8
1224	1	2	0	0	3	0	0	0	4	2	0	0	6	0	0	0	7	2	0	0
1292	1	2	22	8	3	0	45	4	4	3	0	0	6	1	22	8	7	3	45	4
1360	1	2	45	4	3	1	22	8	5	0	0	0	6	2	45	4	8	1	22	8
1428	1	3	0	0	3	2	0	0	5	1	0	0	7	0	0	0	8	3	0	0
1496	1	3	22	8	3	1	45	4	5	2	0	0	7	1	22	8	9	0	45	4
1564	1	3	45	4	3	3	22	8	5	3	0	0	7	2	45	4	9	2	22	8
1632	2	0	0	0	4	0	0	0	6	0	0	0	8	0	0	0	10	0	0	0
1700	2	0	22	8	4	0	45	4	6	1	0	0	8	1	22	8	10	1	45	4
1768	2	0	45	4	4	1	22	8	6	2	0	0	8	2	45	4	10	3	22	8
1836	2	1	0	0	4	2	0	0	6	3	0	0	9	0	0	0	11	1	0	0
1904	2	1	22	8	4	2	45	4	7	0	0	0	9	1	22	8	11	2	45	4
1972	2	1	45	4	4	3	22	8	7	1	0	0	9	2	45	4	12	0	22	8
2040	2	2	0	0	5	0	0	0	7	2	0	0	10	0	0	0	12	2	0	0
2108	2	2	22	8	5	0	45	4	7	3	0	0	10	1	22	8	12	3	45	4
2176	2	2	45	4	5	1	22	8	8	0	0	0	10	2	45	4	13	1	22	8
2244	2	3	0	0	5	2	0	0	8	1	0	0	11	0	0	0	13	3	0	0
2312	2	3	22	8	5	2	45	4	8	2	0	0	11	1	22	8	14	0	45	4
2380	2	3	45	4	5	3	22	8	8	3	0	0	11	2	45	4	14	2	22	8
2448	3	0	0	0	6	0	0	0	9	0	0	0	12	0	0	0	15	0	0	0

Feet	½ Brick				1 Brick				1½ Brick				2 Bricks				2½ Bricks			
	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.
2516	3	0	22	8	6	0	45	4	9	1	0	0	12	1	22	8	15	1	45	4
2584	3	0	45	4	6	1	22	8	9	2	0	0	12	2	45	4	15	3	22	8
2652	3	1	0	0	6	2	0	0	9	3	0	0	13	0	0	0	16	1	0	0
2720	3	1	22	8	6	2	45	4	10	0	0	0	13	1	22	8	16	2	45	4
2788	3	1	45	4	6	3	22	8	10	1	0	0	13	2	45	4	17	0	22	8
2856	3	2	0	0	7	0	0	0	10	2	0	0	14	0	0	0	17	2	0	0
2924	3	2	22	8	7	0	45	4	10	3	0	0	14	1	22	8	17	3	45	4
2992	3	2	45	4	7	1	22	8	11	0	0	0	14	2	45	4	18	1	22	8
3060	3	3	0	0	7	2	0	0	11	1	0	0	15	0	0	0	18	3	0	0
3128	3	3	22	8	7	2	45	4	11	2	0	0	15	1	22	8	19	0	45	4
3196	3	3	45	4	7	3	22	8	11	3	0	0	15	2	45	4	19	2	22	8
3264	4	0	0	0	8	0	0	0	12	0	0	0	16	0	0	0	20	0	0	0
3332	4	0	22	8	8	0	45	4	12	1	0	0	16	1	22	8	20	1	45	4
3400	4	0	45	4	8	1	22	8	12	2	0	0	16	2	45	4	20	3	22	8
3468	4	1	0	0	8	2	0	0	12	3	0	0	17	0	0	0	21	1	0	0
3536	4	1	22	8	8	2	45	4	13	0	0	0	17	1	22	8	21	2	45	4
3604	4	1	45	4	8	3	22	8	13	1	0	0	17	2	45	4	22	0	22	8
3672	4	2	0	0	9	0	0	0	13	2	0	0	18	0	0	0	22	2	0	0
3740	4	2	22	8	9	0	45	4	13	3	0	0	18	1	22	8	22	3	45	4
3808	4	2	45	4	9	1	22	8	14	0	0	0	18	2	45	4	23	1	22	8
3876	4	3	0	0	9	2	0	0	14	1	0	0	19	0	0	0	23	3	0	0
3944	4	3	22	8	9	2	45	4	14	2	0	0	19	1	22	8	24	0	45	4
4012	4	3	45	4	9	3	22	8	14	3	0	0	19	2	45	4	24	2	22	8
4080	5	0	0	0	10	0	0	0	15	0	0	0	20	0	0	0	25	0	0	0
4148	5	0	22	8	10	0	45	4	15	1	0	0	20	1	22	8	25	1	45	4
4216	5	0	45	4	10	1	22	8	15	2	0	0	20	2	45	4	25	3	22	8
4284	5	1	0	0	10	2	0	0	15	3	0	0	21	0	0	0	26	1	0	0
4352	5	1	22	8	10	2	45	4	16	0	0	0	21	1	22	8	26	2	45	4
4420	5	1	45	4	10	3	22	8	16	1	0	0	21	2	45	4	27	0	22	8
4488	5	2	0	0	11	0	0	0	16	2	0	0	22	0	0	0	27	2	0	0
4556	5	2	22	8	11	0	45	4	16	3	0	0	22	1	22	8	27	3	45	4
4624	5	2	45	4	11	1	22	8	17	0	0	0	22	2	45	4	28	1	22	8
4692	5	3	0	0	11	2	0	0	17	1	0	0	23	0	0	0	28	3	0	0
4760	5	3	22	8	11	2	45	4	17	2	0	0	23	1	22	8	29	0	45	4
4828	5	3	45	4	11	3	22	8	17	3	0	0	23	2	45	4	29	1	22	8

THE

EXPLANATION and USE

Of the foregoing TABLE of

Brick-work Reduced.

THIS TABLE conſiſts of four Pages, and over every Column in each Page, is written the Contents thereof; in the firſt Column of every Page is to be ſought the Number of ſuperficial Feet to be Reduced. The Firſt Column in the Firſt Page of the Table is figured from 1 to 34 Foot, or half a Quarter of a Rod; and in the Second Page, from 35 Foot to 68, or one Quarter of a Rod; and every Number in the reſt of the Table increaſes by Quarters of Rods, beginning at 136 Foot, and ends at 4828 Foot.

Example I.

What is the Content of a Piece of Brick-work two Bricks thick, whoſe ſuperficial Content in Feet is 68 *Foot?*

Seek the firſt Column towards the Left-hand, for 68, and ſtreight from thence, right under 2 Bricks, on the
r. q. f. i.
Top of the Column, you have 0. 1. 12. 8. *viz.* 0 Rods, 1 Quarter of a Rod, 22 Foot, 8 Inches, which is the true reduced Content ſought for; for the Letters on the Top of every Column, *viz.* r. q. f. i. do ſignify, that the Figures under them are ſo many Rods, Quarters of Rods, Feet, and Inches.

Example II.

What is the Content of a Piece of Brick-work whoſe Superficies is 1360 *Feet, and in Thickneſs* 2 *Bricks and a half?*

Seek 1360 Feet in the firſt Column, and right againſt it, under 2 ½ Bricks,

r. q. f. i.
on the Top of the Table, is 8. 1. 22. 8.
viz. 8 Rod, 1 Quarter of a Rod, 22 Foot, 8 Inches the Content ſought.

Example III.

If the ſuperficial Content of a Brick Wall be 3272 Feet, and half a Brick thick, how many Rod is contained therein.

Now as the Number propoſed is not to be found in the Table, therefore in ſuch Caſes you muſt take it at twice, *viz.* Firſt ſeek the neareſt Number to the given Number 3272, which you will find to be 3264, and right againſt it,

	r.	q.	f.	i.
under half a Brick is	4	0	0	0
Secondly ſubſtract 3264 from 3272, and the Remainder is 8	0	0	2	8
The Content of which is	4	0	2	8

The ſeveral Products of 3264, and 8, being found as above, ſet them down one under the other, and add them together,

together, and the Product is the Content
r. q. f. i.
ſought, *viz.* 4 0 2 8 as required.

Example IV.

In 7480 *ſuperficial Feet, at one Brick thick, how many Rod?*

As the Number propoſed is larger than any in the Table, firſt ſubſtract the higheſt Number in the Table from the given Number, and under the propoſed Thickneſs ſeek the Product of each, and ſet them down one under the other, then add them together, and the Product is the Content of the whole.

The Operation.

From 7480 the Number given.
Take 4828 the higheſt Number
——— in the Table.

Remains 2652

	r.	q.	f.	i.
4828 Feet at 1 Brick thick is	11	3	22	8
2652 Feet at 1 Brick thick is	6	2	0	0
7480 Feet at 1 Brick thick is	18	1	22	8

Note, That although this Table be Calculated only from a Half Brick thick to 2 and a Half Bricks thick, yet it may ſerve for any other Thickneſs, if you make uſe of it in the following manner *viz.* For 3 Bricks thick take twice the Product of 1 and a Half; for 3 and a Half Bricks thick, add the Product of 2 Bricks to 1 and a Half; for 4 Bricks thick, take twice 2 Bricks, for 4 and a Half add 2 to 2 and a Half Bricks, and for 5 Bricks take twice 2 and a Half Bricks thick, and ſo in like manner to any Thickneſs required.

TABLE

TABLE VI.

A Second TABLE of

Brick-Work.

Whereby is ſhewn, how many Bricks are required to build any piece of Brick-Work, that conſiſts of any Number of Feet, or Thickneſs, from 1 Foot to 14000 Feet; and from Half a Brick thick to 2 and a Half Bricks thick, and by the Addition only of 2 Numbers, to any Thickneſs, required.

Feet	1½ Brick	1 Brick	1½ Brick	2 Bricks	2½ Bricks
1	5	11	16	22	27
2	11	22	33	44	55
3	16	33	50	67	82
4	22	44	67	89	111
5	27	55	83	111	139
6	33	67	100	134	165
7	39	78	117	156	195
8	44	88	134	178	223
9	50	100	150	201	251
10	55	111	167	224	279
11	61	122	184	245	307
12	67	134	201	268	335
13	72	145	217	290	362
14	78	156	234	312	390
15	83	167	251	334	417
16	89	178	268	357	447
17	94	189	284	399	473
18	100	201	301	402	502
19	106	212	318	424	530
20	111	223	335	446	558
21	117	234	351	469	586
22	122	245	368	491	613
23	128	256	385	513	642
24	134	268	402	536	670
25	139	279	418	558	698
26	145	290	435	580	725
27	150	301	452	603	753
28	156	312	469	625	781
29	161	323	485	647	809
30	167	335	502	670	837
31	173	346	519	692	865
32	178	357	536	714	893
33	184	368	552	736	921
34	189	379	569	759	948
35	195	390	586	781	977

Feet	½ Brick	1 Brick	1½ Brick	2 Bricks	2½ Bricks
36	201	402	603	804	1005
37	206	413	619	826	1032
38	212	424	636	848	1060
39	217	435	653	871	1088
40	223	446	670	893	1116
41	228	457	686	915	1144
42	234	469	703	938	1172
43	240	480	720	960	1200
44	245	491	737	982	1228
45	251	502	753	1005	1256
46	256	513	770	1027	1284
47	262	524	787	1049	1312
48	268	536	804	1072	1340
49	273	547	820	1094	1367
50	279	558	837	1116	1395
51	284	569	854	1139	1423
52	290	580	871	1161	1451
53	295	591	887	1183	1479
54	301	603	904	1206	1507
55	307	614	921	1228	1535
56	312	625	938	1250	1563
57	318	636	954	1273	1591
58	323	647	971	1295	1619
59	329	658	988	1317	1647
60	335	670	1005	1340	1675
61	340	681	1021	1362	1702
62	346	692	1038	1384	1730
63	351	703	1055	1407	1758
64	357	714	1072	1429	1786
65	362	725	1088	1451	1814
66	368	737	1105	1474	1842
67	374	748	1122	1496	1870
68	379	759	1139	1518	1898
69	385	770	1155	1541	1926
70	390	781	1172	1563	1955

Feet	½ Brick	1 Brick	1½ Brick	2 Bricks	2½ Bricks
71	396	781	1189	1585	1982
72	402	804	1206	1608	2010
73	407	815	1222	1629	2037
74	413	826	1239	1652	2065
75	418	837	1256	1675	2093
76	424	848	1273	1697	2121
77	429	859	1289	1719	2149
78	435	871	1306	1742	2177
79	441	882	1323	1764	2205
80	446	893	1340	1786	2233
81	452	904	1356	1809	2261
82	457	915	1373	1831	2289
83	463	926	1390	1853	2317
84	469	938	1407	1876	2345
85	474	949	1424	1897	2373
86	480	960	1440	1920	2400
87	485	971	1457	1943	2428
88	491	982	1474	1965	2456
89	496	993	1490	1987	2484
90	502	1005	1507	2010	2512
91	508	1016	1524	2032	2540
92	513	1027	1541	2054	2568
93	519	1038	1557	2077	2596
94	524	1049	1574	2099	2624
95	530	1060	1591	2121	2652
96	536	1072	1608	2144	2680
97	541	1083	1624	2166	2707
98	547	1094	1641	2188	2735
99	552	1105	1658	2211	2763
100	558	1116	1675	2233	2791
200	1116	2233	3350	4466	5583
300	1675	2350	5025	6700	8375
400	2233	4466	6700	8933	11166
500	2791	5583	8375	11166	13958
600	3350	6700	10050	13400	16750

A 2d Tab. of Brick-work

Feet	½ Brick	1 Brick	1½ Brick	2 Bricks	2½ Bricks
700	3908	7816	11725	15633	19541
800	4466	8933	13400	17866	22333
900	5025	10050	15075	20100	25125
1000	5583	11166	16750	22333	27916
1100	6141	12283	18425	24566	30708
1200	6700	13400	20100	26800	33500
1300	7258	14516	21775	29033	36291
1400	7816	15633	23450	31266	39083
1500	8375	16750	25125	33500	41875
1600	8933	17866	26800	35733	44666
1700	9491	18983	28475	37966	47458
1800	10050	20100	30150	40200	50250
1900	10608	21216	31825	42433	53041
2000	11166	22333	33500	44666	55833
2100	11725	23450	35175	46900	58625
2200	12283	24566	36850	49133	61416
2300	12841	25683	38525	51366	64208
2400	13400	26800	40200	53600	67000
2500	13958	27916	41875	55833	69791
2600	14513	29027	43541	58054	72568
2700	15072	30144	45216	60288	75360
2800	15630	31260	46891	62521	78151
2900	16188	32377	48566	64754	80943
3000	16747	33494	50241	66988	83735
4000	22330	44660	66991	89321	111651
5000	27913	55827	83741	111654	139588
6000	33497	66994	100491	133988	167485
7000	39080	78160	117241	156321	195401
8000	44663	89327	133991	178654	223318
9000	50247	100494	150741	200988	251235
10000	55830	111660	167491	223321	279151
11000	61413	122827	184241	245654	307068
12000	67007	134014	201021	268028	335035
13000	72590	145180	217771	290361	362951
14000	78137	156347	234521	312694	390868

THE
EXPLANATION and USE
Of the Second TABLE of
Brick-work.

THIS TABLE conſiſts of 4 Pages, and over each Column in every Page is the Title of each Column: In the firſt Left-hand Column of every Page is to be ſought any Number of ſuperficial Feet, and right againſt which, according to the Title of each Column, you have the Number of Bricks required to build any Piece of Brick-work that conſiſts of ſo many ſuperficial Feet.

It is generally allowed by all experienced Workmen, that between 4500, and 4600 of Bricks, will complete one Rod of Brick-work at a Brick and half thick; and the Reaſon of this Difference, they ſay, proceeds from the Workman's laying on too thick, or too thin Joints.

Therefore,

Therefore, that I may come as near the Truth as poſſible, and as the Nature of the Thing will admit of, I have made choice of neither of the above Numbers, but inſtead thereof, have allowed 4555 Bricks to a Rod, at a Brick and half thick, by which the whole Table is calculated.

I ſhall now proceed to give ſome Examples to illuſtrate its Uſe.

Example I.

Suppoſe it's required to build a Piece of Brick-work half a Brick thick, or one Brick, one Brick and a half, two Bricks, or two Bricks and a half thick, and each Piece of Brick-work to contain 80 *ſuperficial Feet, the Queſtion is, how many Bricks are required to build each Piece of Work?*

Operation.

Seek in the firſt Column, under Feet, for 80, and right againſt it, under the ſeveral Thickneſſes above exhibited, you have the Number of Bricks required, *viz.* under half a Brick 446, under one Brick 893, under one Brick and a half 1340, under two Bricks 1786, under two Bricks and a half 2233 Bricks; which is the Anſwer requir'd, and the ſame of any other.

Example II.

How many Bricks are required to build a Piece of Brick-work that conſiſts of 1675 Feet, and at two Bricks thick.

Now becauſe this Number is not to be exactly found in the Table at once, therefore you muſt take it at twice, thus, Firſt ſeek a Number that is neareſt it, and that is leſs than the Number propoſed; and then again for the Remainder; and laſtly, add the Products of the two Numbers thus found into one Sum, and the Product thereof is the Content of the whole.

The Operation.

		Bricks.
1600	Feet at 2 Bricks thick is	26800
75	Foot at 2 Bricks thick is	1675
1675	Foot at 2 Bricks thick is	28475

It's Needleſs to give any more Examples, and therefore I ſhall conclude this Table, with Obſerving, that it may be made uſe of to any other Thickneſs, by the Directions laid down at the latter-end of the Examples, of the Foregoing Table of Brick-work reduced.

TABLE

TABLE VII.

OF

Pavements,

Shewing how many Paving Tiles, from 6 Inches to 12 Inches Square, will lay any Floor, that conſiſts of any Number of ſuperficial Feet from 9 Foot to 630; likewiſe, how many Bricks, Lumps, or Clinkers, laid Flat or Edg-ways will pave the ſame.

Feet	6 Inch Tiles	8 Inch Tiles	9 Inch Tiles	10 Inch Tiles	12 Inch Tiles	Bricks or Lumps laid Flat	Bricks laid Edg-ways	Dutch Clinkers
9	36	21	16	13	9	32	64	90
18	72	42	32	26	18	64	128	180
27	108	63	48	39	27	96	192	270
36	144	84	64	52	36	128	256	360
45	180	105	80	65	45	160	320	450
54	216	126	96	78	54	192	384	540
63	252	147	112	91	63	224	448	630
72	288	168	128	104	72	256	512	720
81	324	189	144	117	81	288	576	810
90	360	210	160	130	90	320	640	900
99	396	231	176	143	99	352	704	990
108	432	252	192	156	108	384	768	1080
117	468	273	208	169	117	416	832	1170
126	504	294	224	182	126	448	896	1260
135	540	315	240	195	135	480	960	1350
144	576	336	256	208	144	512	1024	1440
153	612	357	272	221	153	544	1088	1530
162	648	378	288	234	162	576	1152	1620
171	684	399	304	247	171	608	1216	1710
180	720	420	320	260	180	640	1280	1800
189	756	441	336	273	189	672	1344	1890
198	792	462	352	286	198	704	1408	1980
207	828	483	368	299	207	736	1472	2070
216	864	504	384	312	216	768	1536	2160
225	900	525	400	325	225	800	1600	2250
234	936	546	416	338	234	832	1664	2340
243	972	567	432	351	243	864	1728	2430
252	1008	588	448	364	252	896	1792	2520
261	1044	609	464	377	261	928	1856	2610
270	1080	630	480	390	270	960	1920	2700
279	1116	651	496	403	279	992	1984	2790
288	1152	672	512	416	288	1024	2048	2880
297	1188	693	528	429	297	1056	2112	2970
306	1224	714	544	442	306	1088	2176	3060
315	1260	735	560	455	315	1120	2240	3150

Feet	6 Inch Tiles	8 Inch Tiles	9 Inch Tiles	10 Inch Tiles	12 Inch Tiles	Bricks or Lumps laid Flat	Bricks laid Edg-ways	Dutch Clinkers
324	1296	756	576	468	324	1152	2304	3240
333	1332	777	592	481	333	1184	2368	3330
342	1368	798	608	494	342	1216	2432	3420
351	1404	819	624	507	351	1248	2496	3510
360	1440	840	640	520	360	1280	2560	3600
369	1476	861	656	533	369	1312	2624	3690
378	1512	882	672	546	378	1344	2688	3780
387	1548	903	688	559	387	1376	2752	3870
396	1584	924	704	572	396	1408	2816	3960
405	1620	945	720	585	405	1440	2880	4050
414	1656	966	736	598	414	1472	2944	4140
423	1692	987	752	611	423	1504	3008	4230
432	1728	1008	768	624	432	1536	3072	4320
441	1764	1029	784	637	441	1568	3136	4410
450	1800	1050	800	650	450	1600	3200	4500
459	1836	1071	816	663	459	1632	3264	4590
468	1872	1092	832	676	468	1664	3328	4680
477	1908	1113	848	689	477	1696	3392	4770
486	1944	1134	864	702	486	1728	3456	4860
495	1980	1155	880	715	495	1760	3520	4950
504	2016	1176	896	728	504	1792	3584	5040
513	2052	1197	912	741	513	1824	3648	5130
522	2088	1218	928	754	522	1856	3712	5220
531	2124	1239	944	767	531	1888	3766	5310
540	2160	1260	960	780	540	1920	3840	5400
549	2196	1281	976	793	549	1952	3904	5490
558	2232	1302	992	806	558	1984	3968	5580
567	2268	1323	1008	819	567	2016	4032	5670
576	2304	1344	1024	832	576	2048	4096	5760
585	2340	1365	1040	845	585	2080	4160	5850
594	2376	1386	1056	858	594	2112	4224	5940
603	2412	1407	1072	871	603	2144	4288	6030
612	2448	1428	1088	884	612	2176	4352	6120
621	2484	1449	1104	897	621	2208	4416	6210
630	2520	1470	1120	910	630	2240	4480	6300

THE

EXPLANATION and USE

Of the foregoing TABLE of

Pavements.

THIS Table contains two Pages, the firſt Column towards the Left-hand is the Column of Feet, in which is to be ſought the Number of ſuperficial Feet that any Floor contains that is to be paved, and right againſt each Number, in each of the other Columns, according to their Titles, is the Number of paving Tiles, Bricks, *&c.* that will pave ſo many ſuperficial Feet.

Example I.

If a Floor contains 342 ſquare or ſuperficial Feet, how many Paving Tiles, ſuppoſing the Floor to be paved with either of the Sorts mentioned in the Table, or with the Bricks, Lumps, &c. *laid flat or edge-ways.*

Seek in the firſt Column for the Number of Feet propoſed, *viz.* 342, and right againſt it, in the other Columns, you have the Content required,

viz.	6 Inch Tiles	1368
	8 Inch Tiles	798
	9 Inch Tiles	608
	10 Inch Tiles	494
	12 Inch Tiles	342
	Bricks or Lumps laid Flat	1216
	Bricks laid Edge-ways	2432
	Dutch Clinkers	3420

Example

Example II.

How many Bricks laid Edge-ways will pave a Floor of 300 ſquare Feet?

In this Example the Number propoſed is not to be found in the Table, therefore in ſuch a Caſe obſerve the following Rule.

Firſt ſeek the next neareſt Number that is leſs than the Number propoſed, and note the Bricks required thereto, and the remaining Feet, are ſo many Ninths of the firſt Number in the ſame Column in the Firſt Page; as in this Example given, the neareſt Number in the Table to the given Number 300, is 297, the Bricks required thereto, is 2102, and the three Feet remaining is three ninths of 64, which is 21 Bricks and three ninths, or one third of a Brick, ſo that in the whole, 300 Feet will require 2123 and one third, *viz.* 2123 Bricks, and one third of a Brick. See the Operation following.

297 Feet require 2102 Bricks
$\frac{3}{9}$ of 64 Bricks is $21\frac{3}{9}$ or $\frac{1}{3}$
$2123\frac{3}{9}$ Anſ.

$\frac{3}{9})64$
3 Multiply 64 by 3
9)192(Divide 192 by 9
21 Bricks
$\frac{3}{9}$ Remains

Example III.

How many Bricks laid Flat will pave a Floor of 175 *ſquare Feet?*

The neareſt Number to 175 in the firſt Column of the Table, is 171 Feet, and the Number of Bricks laid flat to
171 Foot, is 608
4 Remaining is $\frac{4}{9}$ of 32, which is $14\frac{2}{9}$
So that 175 Foot, will require of Bricks laid flat } $622\frac{2}{9}$

Note, That always the Number of Feet remaining above the Number to
be

be found in the Table, provided it be leſs than 9, is ſo many ninths of the firſt or upper Number in the ſame Column (in the firſt Page) that your Queſtion is of; which being well underſtood, you may, by dividing the Fractional Part, as above, know the exact Number of paving Tiles, Bricks, &c. that will pave any Floor that doth not conſiſt of above 630 ſuperficial Feet.

TABLE

TABLE VIII.

OF

Tiling.

Wherein is ſhewen, how many Plain, or Pan-Tiles; will cover any Number of ſquare or ſuperficial Feet, from one Foot to 4000 Feet; according to five ſeveral Gauges.

Plain-Tiles				Pan-Tiles	
Square Feet	6 Inch Gauge	6 ½ In Gauge	7 Inch Gauge	10 In. Gauge	11 In. Gauge
1	7	7	6	1	1
2	15	14	13	3	3
3	22	21	19	5	4
4	30	28	26	7	6
5	38	35	32	9	8
6	45	42	39	10	9
7	53	49	45	12	11
8	60	56	52	14	13
9	68	63	56	16	14
10	76	70	65	18	16
20	152	140	130	36	33
30	228	210	195	54	49
40	304	280	260	72	66
50	380	350	325	90	82
60	456	420	390	108	99
70	532	490	455	126	115
80	608	560	520	144	132
90	684	630	585	162	148
100	760	700	650	180	165
200	1520	1400	1300	360	330
300	2280	2100	1950	540	495
400	3040	2800	2600	720	660
500	3800	3500	3250	900	825
600	4560	4200	3900	1080	990
700	5320	4900	4550	1260	1155
800	6080	5600	5200	1440	1320
900	6840	6300	5850	1620	1485
1000	7600	7000	6500	1800	1650
2000	15200	14000	13000	3600	3300
3000	22800	21000	19500	5400	4950
4000	30400	28000	26000	7200	5600

THE EXPLANATION and USE Of the TABLE of TILING.

THE firſt Column toward the Left-hand conſiſts of ſquare or ſuperficial Feet; and right againſt each of the Numbers therein contained, in either of the other Columns, is exhibited the Number of Tiles required to cover ſo many ſquare Feet, according to the ſeveral Gauges inſerted on the Top of each of them.

Example I.

How many Tiles will cover 100 *ſquare Feet?*

Seek in the firſt Column, under ſquare Feet for 100, and under *Plain-Tiles*, at a 6 Inch Gauge, you have 760, at 6 Inch and half Gauge 700, and at a 7 Inch Gauge 650 Tiles; and under *Pan-Tiles*, in the ſame Line, at a 10 Inch Gauge 180, and at a 11 Inch Gauge 165 Tiles, as required. And the ſame of any other.

Example II.

How many Plain-Tiles, at a 6 Inch Gauge, will cover 2346 ſquare Feet?

Now when the Number propoſed is not to be found at once in the Table, as in the given Example, you muſt take it out at ſeveral Times, and add all their Products together, and their Sum will be the Number of Tiles required.

Operation.

Feet	Tiles
2000 at 6 Inch Gauge is	15200
300 ditto	2280
40 ditto	304
6 ditto	45
2346 Feet at a 6 Inch Gauge is	17829

The ſame of any other.

Note, The Gauge here ſpoken of, is the Diſtance that the Lathes are Nailed at, for the Tiles to hang on, and is accounted from the upper Edge of one, to the upper Edge of the other, and in plain Tiling, there is another Lath Nailed between them.

TABLE

TABLE IX.

Shewing what any Number of odd Feet in a ſuperficial or ſolid Yard comes unto, at any Price, by the Yard, from a Farthing *per* Yard to Ten Pounds, *&c.*

Squ. Feet		1			2			3			4			5		
		s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.
Farth.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0⅛
	2	0	0	0	0	0	0⅛	0	0	0⅛	0	0	0⅛	0	0	1
	3	0	0	0	0	0	0⅛	0	0	1	0	0	1	0	0	1⅛
Pence.	1	0	0	0	0	0	0⅛	0	0	1	0	0	1⅛	0	0	2
	2	0	0	0⅛	0	0	1⅛	0	0	2⅛	0	0	3⅛	0	1	0
	3	0	0	1	0	0	2⅛	0	1	0	0	1	1	0	1	2⅛
	4	0	0	1⅛	0	0	3⅛	0	1	1	0	1	3	0	2	0⅛
	5	0	0	2	0	1	0	0	1	2⅛	0	2	0	0	2	3
	6	0	0	2⅛	0	1	1	0	2	0	0	2	2⅛	0	3	1
	7	0	0	3	0	1	2	0	2	1	0	3	0	0	3	3⅛
	8	0	0	3⅛	0	1	3	0	2	2⅛	0	3	2	0	4	1⅛
	9	0	1	0	0	2	0	0	3	0	0	4	0⅛	0	4	3⅛
	10	0	1	0	0	2	0⅛	0	3	1	0	4	1⅛	0	5	2
	11	0	1	⅛	0	2	1⅛	0	3	2⅛	0	4	3⅛	0	6	0
Shillings.	1	0	1	1	0	2	2⅛	0	4	0	0	5	1	0	6	2
	2	0	2	2⅛	0	5	1	0	8	0	0	10	2⅛	1	1	1
	3	0	4	0	0	8	0	1	0	0	1	4	0	1	8	0⅛
	4	0	5	1	0	10	2⅛	1	4	0	1	9	1	2	2	2⅛
	5	0	6	2⅛	1	1	1	1	8	0	2	2	2⅛	2	9	1
	6	0	8	0	1	4	0	2	0	0	2	8	0	3	4	0
	7	0	9	1	1	6	2⅛	2	4	0	3	1	1	3	10	2⅛
	8	0	10	2⅛	1	9	1	2	8	0	3	6	2⅛	3	5	1
	9	1	0	0	2	0	0	3	0	0	4	0	0	5	0	0
	10	1	1	1	2	2	2⅛	3	4	0	4	5	1	5	6	2⅛
Pounds	1	2	2	2⅛	4	5	1	6	8	0	8	10	2⅛	11	1	1
	2	4	5	1	8	10	2⅛	13	4	0	17	9	1	22	2	2⅛
	3	6	8	0	13	4	0	20	0	0	26	8	0	33	4	0
	4	9	10	2⅛	17	9	1	26	8	0	35	6	2⅛	44	5	1
	5	12	1	1	23	2	2⅛	23	4	0	44	5	1	55	6	2⅛
Solid Feet		3			6			9			12			15		

	Squa. Feet.	6			7			8			9		
		s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.
Farth.	1	0	0	0⅛	0	0	0⅛	0	0	0⅛	0	0	1
	2	0	0	1	0	0	1⅛	0	0	1⅛	0	0	2
	3	0	0	2	0	0	2	0	0	2⅛	0	0	3
Pence.	1	0	0	2⅛	0	0	3	0	0	3⅛	0	1	0
	2	0	1	1	0	1	2	0	1	3	0	2	0
	3	0	2	0	0	2	1	0	2	2⅛	0	3	0
	4	0	2	2⅛	0	3	0	0	3	2	0	4	0
	5	0	3	1	0	3	3⅛	0	4	1⅛	0	5	0
	6	0	4	0	0	4	2⅛	0	5	1	0	6	0
	7	0	4	2⅛	0	5	1⅛	0	6	0⅛	0	7	0
	8	0	5	1	0	6	0⅛	0	7	0	0	8	0
	9	0	6	0	0	6	3⅛	0	8	0⅛	0	9	0
	10	0	6	2⅛	0	7	3	0	9	0⅛	0	10	0
	11	0	7	1	0	8	2	0	10	0	0	11	0
Shillings.	1	0	8	0	0	9	1	0	10	2⅛	1	0	0
	2	1	4	0	1	9	2⅛	1	9	1	2	0	0
	3	2	0	0	2	4	0	2	8	0	3	0	0
	4	2	8	0	3	1	1	3	6	2⅛	4	0	0
	5	3	4	0	3	10	2⅛	4	5	1	5	0	0
	6	4	0	0	4	8	0	5	4	0	6	0	0
	7	4	8	0	5	5	1	6	2	2⅛	7	0	0
	8	5	4	0	6	2	2⅛	7	1	1	8	0	0
	9	6	0	0	7	0	0	8	0	0	9	0	0
	10	6	8	0	7	9	1	8	10	2⅛	10	0	0
Pounds.	1	13	4	0	15	6	2⅛	17	9	1	20	0	0
	2	26	8	0	31	1	1	35	6	2⅛	40	0	0
	3	40	0	0	46	8	0	53	4	0	60	0	0
	4	53	4	0	62	2	2⅛	71	1	0	80	0	0
	5	66	8	0	77	1	0	88	10	2⅛	100	0	0
Solid Feet.		18			21			24			27		

THE

EXPLANATION and USE

Of the foregoing

TABLE.

AT the Head of the Table are contained the odd Feet in a ſquare or ſuperficial Yard, beginning at one Foot, and ending at a Yard or nine Square Feet.

At the Bottom of the Table you have the Number of Feet in a cubical Yard, beginning at 3, 6, 9 *&c.* and ending at 27 Feet, or a cubical Yard.

In the firſt Column towards the Left-hand is exhibited the Price of a Yard, from one Farthing to five Pounds *per* Yard, and in the other Columns under the odd Feet, is placed the Price in Shillings, Pence, and Farthings, and half Farthings, as any Number of Feet comes unto,

Example

Example I.

At 10*d. per Yard, what comes four Feet unto?*

Seek for 10*d.* in the Firſt Column, and under four Foot at the Top of the *Table*, in the Angle of meeting, you have
s. d. q.
0. 4. 1. $\frac{1}{8}$. *viz.* 4 Penee, 1 Farthing and $\frac{1}{8}$ of a Penny, or half a Farthing, the Price Sought.

Example II.

At 2*s. the Yard Cubical, what comes* 21 *Foot to?*

Seek for 2*s.* in the Firſt Column, and for 21 Foot at the Bottom of the Table, and in the Angle of meeting, you have
s. d. q.
1. 9. 2. $\frac{1}{8}$. *viz.* 1 Shilling, Nine Pence, 2 Farthings, and a half Farthing or $\frac{1}{8}$ of a Penny.

Example

Example III.

At 16s. and 7d. Half penny per Yard Cubical, what comes 9 Foot to?

To Reſove this queſtion and all others of the like Nature; Obſerve this Rule, That as many Denominations as your Queſtion Conſiſts of, ſo many times you muſt have Recource to the Table, for reſolving thereof: as in this Queſtion, which Conſiſts of Shillings, Pence, and Farthings therefore for reſolving of which, firſt ſeek what 9 Foot comes to, at 16*s. per* Yard; and then at 7*d.* and again at 2 Farthings or a Halfpenny, laſtly add all the Products thus found into one Sum, and the Product is the Content ſought, ſee the Operation as following.

	s.	d.	q.
9 Foot at 10*s. per* Yard is	3	4	0
9 Foot at 6*s. per* Yard is	2	0	0
9 Foot at 7*d. per* Yard is	0	2	1
9 Foot at 2*q. per* Yard is	0	0	0$\frac{1}{8}$
9 Foot at 16*s.* 7*d.* 2*q. per* Yard is	5	6	1$\frac{1}{8}$

Example

Example IV.

At 9*l.* 10*s.* 8*d.* 3*q.* *per Yard Square, what comes* 8 *Foot to?*

	l.	s.	d.	q.
8 Foot at 5*l.* *per* Yard is	4	8	10	$2\frac{1}{8}$
8 Foot at 4*l.* *per* Yard is	3	11	1	0
8 Foot at 10*s.* *per* Yard is	0	8	10	$2\frac{1}{8}$
8 Foot at 8*d.* *per* Yard is	0	0	7	0
8 Foot at 3*q.* *per* Yard is	0	0	0	$2\frac{1}{8}$
8 Foot at 9*l.* 10*s.* 8*d.* 3*q.* *per* Yard is	8	9	5	$3\frac{1}{8}$

Example V.

At 4*l.* 19*s.* 6*d.* *per Yard Square, what comes* 5 *Foot to?*

	l.	s.	d.	q.
5 Foot at 4*l.* *per* Yard is	2	4	5	1
5 Foot at 10*s.* *per* Yard is	0	5	6	$2\frac{1}{8}$
5 Foot at 9*s.* *per* Yard is	0	5	0	0
5 Foot at 6*d.* *per* Yard is	0	0	3	1
5 Foot at 4*l.* 19*s.* 6*d.* *per* yd is	2	15	3	$0\frac{1}{8}$

TABLE X.

Exhibiting the Price, or Value of any Number of odd Feet, of Tiling, Slating, Roofing, Flooring, *&c.* performed by the Square of 10 Foot ſquared, *viz.* 100 ſquare Feet, from 1 Foot to 25, or a Quarter of a Square; and at any Price from three Shillings, to five Pounds, or ten Pounds the Square, ready caſt up: and may be made uſe of in valuing any Commodities that are ſold at the Rate of Five Score to the Hundred, at the ſame Prices *per* Hundred, whether the Commodity ſold, be in Number, Weight, or Meaſure.

		s.	d.	s.	d.	s.	d	s.	d	s.	d.
PerSquare		3	0	3	6	4	0	4	6	5	0
¾Squar.	75	2	3	2	7½	3	0	3	4½	3	9
½Squar.	50	1	6	1	9	2	0	2	3	2	6
¼Squar.	25	0	9	0	10½	1	0	1	1½	1	3

		d	q	d	q	d	q	s	d	q	s	d	q
The Price of any Number of Feet under 25 or ¼ Square.	24	8	2⅛	9	3⅛	11	2	1	2	½	1	2	1⅛
	23	8	1	9	1	11	0⅛	1	0	1⅛	1	1	3
	22	7	3⅛	8	3⅛	10	2	0	11	3⅛	1	1	0⅛
	21	7	2	8	2	10	0⅛	0	11	1⅛	1	0	2⅛
	20	7	0⅛	8	0⅛	9	2	0	10	3	1	0	0
	19	6	3	7	3	9	0⅛	0	10	1	0	11	1⅛
	18	6	1⅛	7	1	8	2	0	9	3	0	10	3
	17	6	0	6	3⅛	8	0⅛	0	9	0⅛	0	10	0⅛
	16	5	2⅛	6	2	7	2	0	8	2⅛	0	9	3
	15	5	1	6	0	7	0⅛	0	8	0⅛	0	9	0
	14	4	3⅛	5	2⅛	6	3	0	7	2	0	8	1⅛
	13	4	2	5	1	6	0⅛	0	7	0	0	7	3
	12	4	0⅛	4	3⅛	5	3	0	6	2	0	7	0⅛
	11	3	3	4	2	5	1	0	6	0	0	6	2⅛
	10	3	1⅛	4	0⅛	4	3	0	5	1⅛	0	6	0
	9	3	0	3	2⅛	4	1⅛	0	4	3⅛	0	5	1⅛
	8	2	2⅛	3	1	3	3⅛	0	4	1⅛	0	4	3
	7	2	1	2	3⅛	3	1⅛	0	3	3	0	4	0⅛
	6	1	3⅛	2	2	2	3⅛	0	3	1	0	3	2⅛
	5	1	2	2	0	2	1⅛	0	2	3	0	3	0
	4	1	0⅛	1	2⅛	1	3⅛	0	2	0⅛	0	2	1⅛
	3	0	3⅛	1	1	1	2	0	1	2⅛	0	1	3
	2	0	2⅛	0	3⅛	1	0	0	1	0⅛	0	1	0⅛
	1	0	1⅛	0	1⅛	0	2	0	0	2	0	0	2

		s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
PerSquare		5	6	6	0	6	6	7	0	7	6
¾Squar.	75	4	1½	4	6	4	10½	5	3	5	7½
½Squar.	50	2	9	3	0	3	3	3	6	3	9
¼Squar.	25	1	4½	1	6	1	7½	1	9	1	10½

The Price of any Number of Feet under 25 or ¼ Square.

	s.	d.	q.	s.	d.	q	s.	d.	q.	s	d	q	s.	d.	q.
24	1	3	3	1	5	1	1	6	2⅛	1	7	3	1	9	1⅛
23	1	3	0⅛	1	4	2	1	6	0	1	6	2	1	8	1⅛
22	1	2	1⅛	1	3	3	1	5	0	1	5	3	1	7	1⅛
21	1	1	3⅛	1	3	0	1	4	2	1	5	0	1	6	2⅛
20	1	1	0⅛	1	2	1	1	3	2	1	4	1	1	5	2⅛
19	1	0	2	1	1	2	1	2	3⅛	1	3	2	1	4	3
18	0	11	3	1	0	3	1	1	2½	1	2	2	1	3	3⅛
17	0	11	0⅛	1	0	0	1	1	1	1	1	3	1	2	3⅛
16	0	10	1⅛	0	11	1	1	0	1	1	1	0	1	2	0
15	0	9	3	0	10	2	0	11	2⅛	1	0	0	1	1	0
14	0	9	0⅛	0	9	3	0	11	0	0	11	1	1	0	1⅛
13	0	8	1⅛	0	9	0	0	10	0	0	10	2	0	11	1⅛
12	0	7	3	0	8	1	0	9	2	0	9	3	0	10	2⅛
11	0	7	0⅛	0	7	2	0	8	2⅛	0	9	0	0	9	3
10	0	6	1⅛	0	6	3	0	7	3	0	8	1	0	8	3⅛
9	0	5	3	0	6	0	0	7	0⅛	0	7	1	0	7	3⅛
8	0	5	1	0	5	1	0	6	1	0	6	2	0	7	0⅛
7	0	4	1	0	4	2	0	5	1⅛	0	5	3	0	6	0⅛
6	0	3	3⅛	0	3	3	0	4	1	0	5	0	0	5	1⅛
5	0	3	1	0	3	0	0	3	3⅛	0	4	0	0	4	1⅛
4	0	2	2⅛	0	2	1	0	2	3	0	3	1	0	3	2
3	0	1	3⅛	0	1	3	0	2	1⅛	0	2	2	0	2	3
2	0	1	1	0	1	1	0	1	2⅛	0	1	3	0	1	3⅛
1	0	0	2⅛	0	0	3	0	0	3	0	0	3	0	0	3⅛

		s.	d.	s.	d.	s.	d.	s.	d.	s.	d
Per Square		8	0	8	6	9	0	9	6	10	0
¾ Squar.	75	6	0	6	4½	6	9	7	1½	7	6
½ Squar.	50	4	0	4	3	4	6	4	9	5	0
¼ Squar.	25	2	0	2	1½	2	3	2	4½	2	6

The Price of any Number of Feet under 25 or ¼ Square.

	s.	d.	q	s.	d.	q.	s.	d.	q	s.	d.	q.	s.	d.	q.
24	1	11	0	2	0	0	2	1	0	2	2	3⅛	2	4	3
23	1	10	1	1	11	1	2	0	3	2	2	0⅛	2	3	2
22	1	9	0	1	10	1⅛	1	11	3	2	1	0	2	2	1
21	1	8	1	1	9	2	1	10	3	2	0	0	2	1	1
20	1	7	0	1	8	1	1	9	2	1	10	3	2	0	0
19	1	6	1	1	7	1⅛	1	8	2	1	9	2⅛	1	10	3
18	1	5	0	1	6	1	1	7	2	1	8	2	1	9	2
17	1	4	1	1	5	1	1	6	1	1	7	1	1	8	1
16	1	3	0	1	4	0⅛	1	5	1	1	6	1⅛	1	7	2
15	1	2	1	1	3	1	1	4	1	1	5	0⅛	1	6	0
14	1	1	2	1	2	1	1	3	0	1	3	3⅛	1	4	3
13	1	0	1	1	1	0⅛	1	2	0	1	2	3	1	3	2
12	0	11	2	1	0	1	1	1	0	1	1	2⅛	1	2	1
11	0	10	2	0	11	1	1	0	0	1	0	2⅛	1	1	1
10	0	9	2	0	10	0⅛	0	10	3	0	11	1⅛	1	0	0
9	0	8	3	0	9	1	0	9	3	0	10	1	0	10	3
8	0	7	3	0	8	1	0	8	3	0	9	0⅛	0	9	2
7	0	6	3	0	7	0⅛	0	7	2	0	7	3⅛	0	8	1
6	0	5	3	0	6	0⅛	0	6	2	0	6	3⅛	0	7	1
5	0	4	[illegible]	0	5	0⅛	0	5	2	0	5	3	0	6	0
4	0	3	2	0	4	0	0	4	1	0	4	2	0	4	3
3	0	3	0	0	3	0⅛	0	3	1	0	3	1⅛	0	3	2
2	0	2	0	0	2	0⅛	0	2	1	0	2	1	0	2	1
1	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0

		s.	d	s.	d	s.	d	s.	d	l.	s.
Per Square		20	0	40	0	60	0	80	0	5	0
¾ Squar.	75	15	0	30	0	45	0	60	0	3	15
½ Squar.	50	10	0	20	0	30	0	40	0	2	10
¼ Squar	25	5	0	10	0	15.	0	20	0	1	5

The Price of any Number of Feet under 25 or ¼ Square.

	s	d	q	s	d	q	s	d	q	s	d	q	s	d	q
24	4	9	2	9	7	0	14	4	3	19	2	0	23	11	2
23	4	7	1	9	2	2	13	9	2	18	5	0	23	0	1
22	4	4	3	8	9	2	13	2	1	17	7	0	21	11	3
21	4	2	2	8	5	0	12	7	0	16	10	0	21	0	2
20	4	0	0	8	0	0	12	0	0	16	0	0	20	0	0
19	3	9	2	7	7	0	11	4	3	15	2	0	18	11	2
18	3	7	1	7	2	2	10	9	2	14	5	0	17	0	1
17	3	4	3	6	9	2	10	2	1	13	7	0	16	11	3
16	3	2	2	6	5	0	9	7	0	12	10	0	15	0	2
15	3	0	0	6	0	0	9	0	0	12	0	0	15	0	0
14	2	9	2	5	7	0	8	4	3	11	2	0	13	11	2
13	2	7	1	5	2	2	7	9	3	10	5	0	13	0	1
12	2	4	3	4	9	2	7	2	1	9	7	0	11	11	3
11	2	2	2	4	5	0	6	7	0	8	10	0	11	0	2
10	2	0	0	4	0	0	6	0	0	8	0	0	10	0	0
9	1	9	2	3	7	0	5	4	3	7	2	0	8	11	2
8	1	7	1	3	2	2	4	9	2	6	5	0	8	0	1
7	1	4	3	2	9	2	4	2	1	5	7	0	6	11	3
6	1	2	2	2	5	0	3	7	0	4	10	0	6	0	2
5	1	0	0	2	0	0	3	0	0	4	0	0	5	0	0
4	0	9	2	1	7	0	2	4	3	3	2	0	3	11	2
3	0	7	1	1	2	2	1	9	2	2	5	0	3	0	1
2	0	4	3	0	9	2	1	2	1	1	7	0	1	11	3
1	0	2	2	0	5	0	0	7	0	0	10	0	1	0	2

THE
EXPLANATION and USE
# of the Foregoing
TABLE.

AT the Head of the Table, you have the Price of a Square, $\frac{3}{4}$ of a Square, $\frac{1}{2}$ a Square, and a $\frac{1}{4}$ of a Square, placed over each Column, Calculated from 3*s*. *per* Square, to 5*l*. *per* Square, and by addition only to 10*l*. *per* Square.

And in the firſt Column you have any Number of odd feet under 25, and right againſt thoſe feet in the other Column, you have the Value or Price thereof, according to the Rule or Price at the Head of the Columns.

Example

Example I.

At 3s. per Square, what is the Value of $\frac{3}{4}$ of a Square, $\frac{1}{2}$ a Square, a $\frac{1}{4}$ of a Square, and 23 Feet?

The price agreed on, being found at the Head of the Table, underneath it, you have the Price of $\frac{3}{4}$ of a Square, $\frac{1}{2}$ a Square, and a $\frac{1}{4}$ of a Square; and in the ſame Column right againſt 23 feet in the firſt Column, you have the Value of the 23 foot alſo, at the Rate of 3*s. per* Square, ſee the Opperation as follows.

	s.	d.	q
at 3*s. per* Square, $\frac{3}{4}$ of a Square is	2	3	0
Ditto $\frac{1}{2}$ of a Square is	1	6	0
Ditto $\frac{1}{4}$ of a Square is	0	9	0
Ditto 23 feet is	0	8	1
The Whole Content is	5	2	1

Example

Example II.

At 14 *Shillings and Six-pence per Square, what comes* 16 *Foot to?*

	s	d	q
At 10 *s.* *per* Square 16 Foot is	1	7	2
At 4 *s.* 6 *d.* *per* Square 16 Foot is	0	8	2$\frac{1}{8}$
At 14 *s.* 6*d.* *per* Square 16 Foot is	2	4	0$\frac{1}{8}$

Example III.

At 9 *Pound* 17 *Shillings and Six-pence per Square, what comes* 12 *Foot to?*

	s	d	q
At 5*l.* *per* Square 12 Foot is	11	11	3
At 4*l.* *per* Square 12 Foot is	9	7	0
At 10*s.* *per* Square 12 Foot is	1	2	1
At 7*s.* 6*d.* *per* Sq. 12 Foot is	0	10	2$\frac{1}{8}$
At 9*l.* 17*s.* 6*d.* *per* Sq. 12 Foot is	23	7	2$\frac{1}{8}$

The ſame of any other.

TABLE XI.

Shewing the Value, or Price, of any Number of odd Feet of Brick-work (or other performed by the Rod Square) calculated from one Foot, to 34 Feet, or half Quarter of a Rod, and at any Price from three Shillings to eight or ten Pounds *per* Rod.

		s	d	s	d	s	d	s	d	s	d
Per Rod	272	3	0	3	6	4	0	4	6	5	0
¾ Rod	204	2	3	2	7½	3	0	3	4½	3	9
½ Rod	136	1	6	1	9	2	0	2	3	2	6
¼ Rod	68	0	9	0	10½	1	0	1	1½	1	3
⅛ Rod	34	0	4½	0	5¼	0	6	0	6¾	0	7½
		d	q	d	q	d	q	d	q	d	q
The Price of any Number of Feet under 34 Feet, or ⅛ of a Rod.	33	4	1	5	0	5	3	6	2	7	[illegible]
	32	4	0	4	3	5	2	6	1	7	0
	31	4	0	4	3	5	1	6	0	6	3
	30	3	3	4	2	5	1	5	3	6	2
	29	3	3	4	1	5	0	5	3	6	1
	28	3	2	4	1	4	3	5	2	6	0
	27	3	2	4	0	4	3	5	1	5	3
	26	3	1	4	0	4	2	5	0	5	2
	25	3	1	3	3	4	1	4	3	5	2
	24	3	0	3	2	4	0	4	3	5	1
	23	3	0	3	2	4	0	4	2	5	0
	22	2	3	3	1	3	3	4	1	4	3
	21	2	3	3	1	3	2	4	0	4	2
	20	2	2	3	0	3	2	3	3	4	1
	19	2	2	2	3	3	1	3	3	4	0
	18	2	1	2	3	3	0	3	2	3	3
	17	2	1	2	2	3	0	3	1	3	3
	16	2	0	2	1	2	3	3	0	3	2
	15	1	3	2	1	2	2	2	3	3	1
	14	1	3	2	0	2	1	2	3	3	0
	13	1	2	2	0	2	1	2	2	2	3
	12	1	2	1	3	2	0	2	1	2	2
	11	1	1	1	2	1	3	2	0	2	1
	10	1	1	1	2	1	3	1	3	2	0
	9	1	0	1	1	1	2	1	3	1	3
	8	1	0	1	0	1	1	1	2	1	3
	7	0	3	1	0	1	0	1	1	1	2
	6	0	3	0	3	1	0	1	0	1	1
	5	0	2	0	3	0	3	0	3	1	0
	4	0	2	0	2	0	2	0	3	0	3
	3	0	1	0	1	0	2	0	2	0	2
	2	0	1	0	1	0	1	0	1	0	1
	1	0	0	0	0	0	0	0	0	0	0

		s	d	s	d	s	d	s	d	s	d
Per Rod	272	6	0	7	0	8	0	9	0	10	0
¾ Rod	204	4	6	5	3	6	0	6	9	7	6
½ Rod	136	3	0	3	6	4	0	4	6	5	0
¼ Rod	68	1	6	1	9	2	0	2	3	2	6
⅛ Rod	34	0	9	0		1	0	1	1½	1	3

The Price of any Number of Feet under 34 Feet, or ⅛ of a Rod.

	d	q	d	q	d	q	s	d	q	s	d	q
33	8	2	10	0	11	2	1	1	0	1	2	2
32	8	1	9	3	11	1	1	0	2	1	2	0
31	8	0	9	2	0	3	1	0	1	1	1	2
30	7	3	9	1	10	2	0	11	3	1	1	0
29	7	2	8	3	10	0	0	11	2	1	0	3
28	7	1	8	2	9	3	0	11	0	1	0	1
27	7	0	8	1	9	2	0	10	2	0	11	3
26	6	3	8	0	9	0	0	10	1	0	11	1
25	6	2	7	2	8	3	0	9	3	0	11	0
24	6	1	7	1	8	1	0	9	2	0	10	2
23	6	0	7	0	8	0	0	9	0	0	10	0
22	5	3	6	3	7	3	0	8	2	0	9	2
21	5	2	6	2	7	1	0	8	1	0	9	1
20	5	1	6	1	7	0	0	7	3	0	8	3
19	5	0	5	3	6	2	0	7	2	0	8	1
18	4	3	5	2	6	1	0	7	0	0	7	3
17	4	2	5	1	6	0	0	6	3	0	7	2
16	4	0	4	3	5	2	0	6	1	0	7	0
15	3	3	4	2	5	1	0	5	3	0	6	2
14	3	2	4	1	4	3	0	5	2	0	6	0
13	3	1	4	0	4	2	0	5	0	0	5	2
12	3	0	3	2	4	0	0	4	3	0	5	1
11	2	3	3	1	3	3	0	4	1	0	4	3
10	2	2	3	0	3	2	0	3	3	0	4	1
9	2	1	2	3	3	0	0	3	2	0	3	3
8	2	0	2	1	2	3	0	3	0	0	3	2
7	1	3	2	0	2	1	0	2	3	0	3	0
6	1	2	1	3	2	0	0	2	1	0	2	2
5	1	1	1	2	1	3	0	1	3	0	2	0
4	1	0	1	0	1	1	0	1	2	0	1	3
3	0	3	0	3	1	0	0	1	0	0	1	1
2	0	2	0	2	0	2	0	0	3	0	0	3
1	0	1	0	1	0	1	0	0	1	0	0	1

		s.	d	s.	d	s.	d	s.	d	s.	d
perRod	272	20	0	30	0	40	0	50	0	60	0
¾ Rod	204	15	0	22	6	30	0	37	6	45	0
½ Rod	136	10	0	15	0	20	0	25	0	30	0
¼ Rod	68	5	0	7	6	10	0	12	6	15	0
⅛ Rod	34	2	6	3	9	5	0	6	3	7	6

The Price of any Number of Feet under 34 Feet, or ⅛ of a Rod.

	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.
33	2	5	1	3	7	2	4	10	0	6	0	3	7	3	1
32	2	4	1	3	6	1	4	8	1	5	10	2	7	0	2
31	2	3	2	3	5	0	4	6	2	5	8	1	6	10	0
30	2	2	2	3	3	2	4	4	3	5	6	0	6	7	1
29	2	1	3	3	2	1	4	3	0	5	3	3	6	4	3
28	2	0	3	3	1	0	4	1	1	5	1	3	6	2	0
27	2	0	0	2	11	2	3	11	2	4	11	2	5	11	1
26	1	11	0	2	10	1	3	9	3	4	9	1	5	8	3
25	1	10	1	2	9	0	3	8	0	4	7	0	5	6	0
24	1	9	1	2	7	3	3	6	1	4	4	3	5	3	2
23	1	8	2	2	6	1	3	4	2	4	2	2	5	0	3
22	1	7	2	2	5	0	3	2	3	4	0	2	4	10	0
21	1	6	3	2	3	3	3	1	0	3	10	1	4	7	2
20	1	5	3	2	2	1	2	11	1	3	8	0	4	4	3
19	1	4	3	2	1	0	2	9	2	3	5	3	4	2	1
18	1	3	3	1	11	3	2	7	3	3	3	2	3	11	2
17	1	3	0	1	10	2	2	6	0	3	1	2	3	9	0
16	1	2	0	1	9	0	2	4	0	3	11	1	3	6	1
15	1	1	0	1	7	3	2	2	1	2	9	0	3	3	2
14	1	0	1	1	6	2	2	0	2	2	6	3	3	1	0
13	0	11	1	1	5	0	1	10	3	2	4	2	2	10	1
12	0	10	2	1	3	3	1	9	0	2	2	1	2	7	3
11	0	9	2	1	2	2	1	7	1	2	0	1	2	5	0
10	0	8	3	1	1	0	1	5	2	1	10	0	2	2	1
9	0	7	3	0	11	3	1	3	3	1	7	3	1	11	3
8	0	7	0	0	10	2	1	2	0	1	5	2	1	9	0
7	0	6	0	0	9	1	1	0	1	1	3	1	1	6	2
6	0	5	1	0	7	3	0	10	2	1	1	0	1	3	3
5	0	4	1	0	6	2	0	8	3	0	11	0	1	1	0
4	0	3	2	0	5	1	0	7	0	0	8	3	0	10	2
3	0	2	2	0	3	3	0	5	1	0	6	2	0	7	3
2	0	1	3	0	2	2	0	3	2	0	4	1	0	5	1
1	0	0	3	0	1	1	0	1	3	0	2	0	0	2	2

		l.		s.	l.		s.	l.		s.	l.		s.	l.		s.
perRod	272	4		0	5		0	6		0	7		0	8		0
¾ Rod	204	3		0	3		15	4		10	5		5	6		0
½ Rod	136	2		0	2		10	3		0	3		10	4		0
¼ Rod	68	1		0	1		5	1		10	1		15	2		0
⅛ Rod	34	0		10	12		6	0		15	17		6	1		0
		s.	d.	q	s.	d.	q	s.	d.	q	s.	d.	q	s.	d.	q
The Price of any Number of Feet under 34 Feet, or ⅛ of a Rod.	33	9	8	1	12	1	2	14	6	2	16	7	1	19	6	3
	32	9	4	3	11	9	0	14	1	1	16	1	0	18	11	3
	31	9	1	1	11	4	3	13	8	0	15	6	3	18	4	3
	30	8	9	3	11	0	1	13	2	3	15	0	3	17	9	3
	29	8	6	1	10	7	3	12	9	2	14	8	3	17	2	2
	28	8	2	3	10	3	2	12	4	0	14	2	2	16	7	2
	27	7	11	1	9	10	0	11	10	3	13	10	2	16	0	2
	26	7	7	2	9	6	2	11	5	2	13	4	1	15	5	2
	25	7	4	0	9	2	1	11	0	1	12	10	1	14	10	1
	24	7	0	2	8	9	3	10	7	0	12	4	0	14	3	1
	23	6	9	0	8	5	1	10	1	3	11	10	0	13	8	1
	22	6	5	2	8	1	0	9	8	1	11	3	3	13	1	1
	21	6	2	0	7	8	2	9	3	0	10	9	2	12	6	0
	20	5	10	2	7	4	0	8	9	3	10	3	2	11	11	0
	19	5	7	0	6	11	3	8	4	2	9	9	1	11	4	0
	18	5	3	2	6	7	1	7	11	1	9	3	0	10	9	0
	17	5	0	0	6	3	0	7	6	0	8	9	0	10	2	0
	16	4	8	1	5	10	2	7	0	2	8	2	3	9	6	3
	15	4	4	3	5	6	0	6	7	1	7	8	2	8	11	3
	14	4	1	1	5	1	3	6	2	0	7	2	1	8	4	3
	13	3	9	3	4	9	1	5	8	3	6	8	1	7	9	3
	12	3	6	1	4	4	3	5	3	2	6	2	0	7	2	2
	11	3	2	3	4	0	2	4	10	0	5	7	3	6	7	2
	10	2	11	1	3	8	0	4	4	3	5	1	3	6	0	2
	9	2	7	2	3	3	2	3	11	2	4	7	2	5	5	2
	8	2	4	0	2	11	1	3	6	1	4	1	1	4	10	1
	7	2	0	2	2	6	3	3	1	0	3	7	0	4	3	1
	6	1	9	0	2	2	1	2	7	3	3	1	0	3	6	1
	5	1	5	2	1	10	0	2	2	1	2	6	3	2	11	1
	4	1	2	0	1	5	2	1	8	0	2	0	2	2	4	0
	3	0	10	2	1	1	0	1	3	3	1	6	2	1	9	0
	2	0	7	0	0	8	3	0	10	2	1	0	1	1	2	0
	1	0	3	2	0	4	1	0	5	1	0	6	0	0	7	0

THE EXPLANATION and USE

Of the foregoing

TABLE.

THE Uppermoſt-row of Figures in the Table, is the Price at *per* Rod; from 3*s.* to 8*l.* *per* Rod; and directly under thoſe Prices, you have the Price of ¾ of a Rod, ½ a Rod, a ¼ of a Rod, and ⅛ or half quarter of a Rod, according, to that Rate or Price on the Top: and under thoſe you have likewiſe, at the ſame Rate, the Price of any Number of odd Feet under ⅛ of a Rod, from 33 Feet to 1 Foot. In the firſt Column towards the Left-hand in each of the four Pages, is the Number of Feet in a Rod, ¾ of a Rod, ½ a Rod, ¼ of a Rod and ⅛ of a Rod, and the odd Feet in ⅛ or half quarter of a Rod.

Example I.

At 3s. 6d. per Rod, what is the Value of 16 *Feet?*

Seek the given Price *per* Rod at the Top of the Table, and in the ſame Column, right againſt 16 Feet in the firſt Column, you have 2*d.* 1*q.* the Price ſought. So likewiſe by the ſame Rule you will find 20 Foot, at 5*s. per* Rod is 4*d.* 1*q.* and the like for any other.

Example II.

At 13*s.* 6*d. per Rod, what comes* 23 *Foot to?*

Now becauſe you cannot find 13*s.* 6*d.* at the Top of the Table take it at twice as follows *viz.*

	s.	d.	q.
23 Foot at 10*s. per* Rod is	10	0	0
23 Foot at 3*s.* 6*d. per* Rod is	0	3	2
23 Foot at 13*s.* 6*d. per* Rod is	10	3	2

Example

Example III.

At 14*l.* 12*s.* 6*d. per Rod, what comes* 6 *Foot to?*

To reſolve this Queſtion or any other of the like Nature, you muſt take it out at ſeveral times, as follows *viz.*

	s.	d.	q.
6 Foot at 8*l. per* Rod is	3	6	1
6 Foot at 6*l. per* Rod is	2	7	3
6 Foot at 0*l.* 8*s.* 0*d. per* Rod is	0	2	0
6 Foot at 0*l.* 4*s.* 6*d. per* Rod is	0	1	0
6 Foot at 14*l.* 12*s.* 6*d. per* Rod is	6	5	0

TABLE XII.

For the ready Caſting up of any Number of Farthings, Pence, or Shillings, that any Number of Feet, Yards, Rods, Ounces, Pounds, Hundreds *&c.* comes unto at any price *per* Foot *&c.* from 1 Farthing to 16*s.* *per* Foot *&c.*

No	1 Fart.			2 Farth.			3 Farth.			1 Penny			2 Pence		
	s.	d	q	s.	d	q	s.	d	q	s.	d	q	s.	d	q
2	0	0	2	0	1	0	0	1	2	0	2	0	0	4	0
3	0	0	3	0	1	2	0	2	1	0	3	0	0	6	0
4	0	1	0	0	2	0	0	3	0	0	4	0	0	8	0
5	0	1	1	0	2	2	0	3	3	0	5	0	0	10	0
6	0	1	2	0	3	0	0	4	2	0	6	0	1	0	0
7	0	1	3	0	3	2	0	5	1	0	7	0	1	2	0
8	0	2	0	0	4	0	0	6	0	0	8	0	1	4	0
9	0	2	1	0	4	2	0	6	3	0	9	0	1	6	0
10	0	2	2	0	5	0	0	7	2	0	10	0	1	8	0
11	0	2	3	0	5	2	0	8	1	0	11	0	1	10	0
12	0	3	0	0	6	0	0	9	0	1	0	0	2	0	0
13	0	3	1	0	6	2	0	9	3	1	1	0	2	2	0
14	0	3	2	0	7	0	0	10	2	1	2	0	2	4	0
15	0	3	3	0	7	2	0	11	1	1	3	0	2	6	0
16	0	4	0	0	8	0	1	0	0	1	4	0	2	8	0
17	0	4	1	0	8	2	1	0	3	1	5	0	2	10	0
18	0	4	2	0	9	0	1	1	2	1	6	0	3	0	0
19	0	4	3	0	9	2	1	2	1	1	7	0	3	2	0
20	0	5	0	0	10	0	1	3	0	1	8	0	3	4	0
21	0	5	1	0	10	2	1	3	3	1	9	0	3	6	0
22	0	5	2	0	11	0	1	4	2	1	10	0	3	8	0
23	0	5	3	0	11	2	1	5	1	1	11	0	3	10	0
24	0	6	0	1	0	0	1	6	0	2	0	0	4	0	0
25	0	6	1	1	0	2	1	6	3	2	1	0	4	2	0
26	0	6	2	1	1	0	1	7	2	2	2	0	4	4	0
27	0	6	3	1	1	2	1	8	1	2	3	0	4	6	0
28	0	7	0	1	2	0	1	9	0	2	4	0	4	8	0
29	0	7	1	1	2	2	1	9	3	2	5	0	4	10	0
30	0	7	2	1	3	0	1	10	2	2	6	0	5	0	0
31	0	7	3	1	3	2	1	11	1	2	7	0	5	2	0
32	0	8	0	1	4	0	2	0	0	2	8	0	5	4	0
33	0	8	1	1	4	2	2	0	3	2	9	0	5	6	0
34	0	8	2	1	5	0	2	1	2	2	10	0	5	8	0
35	0	8	3	1	5	2	2	2	1	2	11	0	5	10	0
36	0	9	0	1	6	0	2	3	0	3	0	0	6	0	0

No	1 Farthin.				2 Farthin				3 Farthin.				1 Penny.				2 Pence		
	l.	s.	d.	q.	l.	s.	d.	q.	l.	s.	d.	q.	l.	s.	d.	q.	l.	s.	d.
37	0	0	9	1	0	1	6	2	0	2	3	3	0	3	1	0	0	6	2
38	0	0	9	2	0	1	7	0	0	2	4	2	0	3	2	0	0	6	4
39	0	0	9	3	0	1	7	2	0	2	5	1	0	3	3	0	0	6	6
40	0	0	10	0	0	1	8	0	0	2	6	0	0	3	4	0	0	6	8
41	0	0	10	1	0	1	8	2	0	2	6	3	0	3	5	0	0	6	10
42	0	0	10	2	0	1	9	0	0	2	7	2	0	3	6	0	0	7	0
43	0	0	10	3	0	1	9	2	0	2	8	1	0	3	7	0	0	7	2
44	0	0	11	0	0	1	10	0	0	2	9	0	0	3	8	0	0	7	4
45	0	0	11	1	0	1	10	2	0	2	9	3	0	3	9	0	0	7	6
46	0	0	11	2	0	1	11	0	0	2	10	2	0	3	10	0	0	7	8
47	0	0	11	3	0	1	11	2	0	2	11	1	0	3	11	0	0	7	10
48	0	1	0	0	0	2	0	0	0	3	0	0	0	4	0	0	0	8	0
49	0	1	0	1	0	2	0	2	0	3	0	3	0	4	1	0	0	8	2
50	0	1	0	2	0	2	1	0	0	3	1	2	0	4	2	0	0	8	4
51	0	1	0	3	0	2	1	2	0	3	2	1	0	4	3	0	0	8	6
52	0	1	1	0	0	2	2	0	0	3	3	0	0	4	4	0	0	8	8
53	0	1	1	1	0	2	2	2	0	3	3	3	0	4	5	0	0	8	10
54	0	1	1	2	0	2	3	0	0	3	4	2	0	4	6	0	0	9	0
55	0	1	1	3	0	2	3	2	0	3	5	1	0	4	7	0	0	9	2
56	0	1	2	0	0	2	4	0	0	3	6	0	0	4	8	0	0	9	4
57	0	1	2	1	0	2	4	2	0	3	6	3	0	4	9	0	0	9	6
58	0	1	2	2	0	2	5	0	0	3	7	2	0	4	10	0	0	9	8
59	0	1	2	3	0	2	5	2	0	3	8	1	0	4	11	0	0	9	10
60	0	1	3	0	0	2	6	0	0	3	9	0	0	5	0	0	0	10	0
70	0	1	5	2	0	2	11	0	0	4	4	2	0	5	10	0	0	11	8
80	0	1	8	0	0	3	4	0	0	5	0	0	0	6	8	0	0	13	4
90	0	1	10	2	0	3	9	0	0	5	7	2	0	7	6	0	0	15	0
100	0	2	1	0	0	4	2	0	0	6	3	0	0	8	4	0	0	16	8
200	0	4	2	0	0	8	4	0	0	12	6	0	0	16	8	0	1	13	4
300	0	6	3	0	0	12	6	0	0	18	9	0	1	5	0	0	2	10	0
400	0	8	4	0	0	16	8	0	1	05	0	0	1	13	4	0	3	6	8
500	0	10	5	0	1	0	10	0	1	11	5	0	2	1	8	0	4	3	4
600	0	12	6	0	1	5	0	0	1	17	6	0	2	10	0	0	5	0	0
700	0	14	7	0	1	9	2	0	2	3	9	0	2	18	4	0	5	16	8
800	0	16	8	0	1	13	4	0	2	10	0	0	3	6	8	0	6	13	4

No	3 Pen.			4 Pence			5 Pence			6 Pence			7 Pence		
	l.	s.	d.	l.	s.	d	l.	s.	d	l.	s.	d.	l.	s.	d.
2	0	0	6	0	0	8	0	0	10	0	1	0	0	1	2
3	0	0	9	0	1	0	0	1	3	0	1	6	0	1	9
4	0	1	0	0	1	4	0	1	8	0	2	0	0	2	4
5	0	1	3	0	1	8	0	2	1	0	2	6	0	2	11
6	0	1	6	0	2	0	0	2	6	0	3	0	0	3	6
7	0	1	9	0	2	4	0	2	11	0	3	6	0	4	1
8	0	2	0	0	2	8	0	3	4	0	4	0	0	4	8
9	0	2	3	0	3	0	0	3	9	0	4	6	0	5	3
10	0	2	6	0	3	4	0	4	2	0	5	0	0	5	10
11	0	2	9	0	3	8	0	4	7	0	5	6	0	6	5
12	0	3	0	0	4	0	0	5	0	0	6	0	0	7	0
13	0	3	3	0	4	4	0	5	5	0	6	6	0	7	7
14	0	3	6	0	4	8	0	5	10	0	7	0	0	8	2
15	0	3	9	0	5	0	0	6	3	0	7	6	0	8	9
16	0	4	0	0	5	4	0	6	8	0	8	0	0	9	4
17	0	4	3	0	5	8	0	7	1	0	8	6	0	9	11
18	0	4	6	0	6	0	0	7	6	0	9	0	0	10	6
19	0	4	9	0	6	4	0	7	11	0	9	6	0	11	1
20	0	5	0	0	6	8	0	8	4	0	10	0	0	11	8
21	0	5	3	0	7	0	0	8	9	0	10	6	0	12	3
22	0	5	6	0	7	4	0	9	2	0	11	0	0	12	10
23	0	5	9	0	7	8	0	9	7	0	11	6	0	13	5
24	0	6	0	0	8	0	0	10	0	0	12	0	0	14	0
25	0	6	3	0	8	4	0	10	5	0	12	6	0	14	7
26	0	6	6	0	8	8	0	10	10	0	13	0	0	15	2
27	0	6	9	0	9	0	0	11	3	0	13	6	0	15	9
28	0	7	0	0	9	4	0	11	8	0	14	0	0	16	4
29	0	7	3	0	9	8	0	12	1	0	14	6	0	16	11
30	0	7	6	0	10	0	0	12	6	0	15	0	0	17	6
31	0	7	9	0	10	4	0	12	11	0	15	6	0	18	1
32	0	8	0	0	10	8	0	13	4	0	16	0	0	18	8
33	0	8	3	0	11	0	0	13	9	0	16	6	0	19	3
34	0	8	6	0	11	4	0	14	2	0	17	0	0	19	10
35	0	8	9	0	11	8	0	14	7	0	17	6	1	0	5
36	0	9	0	0	12	0	0	15	0	0	18	0	1	1	0

No.	3 Pence			4 Pence			5 Pence			6 Pence			7 Pence		
	l.	s.	d	l.	s.	d	l.	s.	d	l.	s.	d	l.	s.	d
37	0	9	3	0	12	4	0	15	5	0	18	6	1	1	7
38	0	9	6	0	12	8	0	15	10	0	19	0	1	2	2
39	0	9	9	0	13	0	0	16	3	0	19	6	1	2	9
40	0	10	0	0	13	4	0	16	8	1	0	0	1	3	4
41	0	10	3	0	13	8	0	17	1	1	0	6	1	3	11
42	0	10	6	0	14	0	0	17	6	1	1	0	1	4	6
43	0	10	9	0	14	4	0	17	11	1	1	6	1	5	1
44	0	11	0	0	14	8	0	18	4	1	2	0	1	5	8
45	0	11	3	0	15	0	0	18	9	1	2	6	1	6	3
46	0	11	6	0	15	4	0	19	2	1	3	0	1	6	10
47	0	11	9	0	15	8	0	19	7	1	3	6	1	7	5
48	0	12	0	0	16	0	1	0	0	1	4	0	1	8	0
49	0	12	3	0	16	4	1	0	5	1	4	6	1	8	7
50	0	12	6	0	16	8	1	0	10	1	5	0	1	9	2
51	0	12	9	0	17	0	1	1	3	1	5	6	1	9	9
52	0	13	0	0	17	4	1	1	8	1	6	0	1	10	4
53	0	13	3	0	17	8	1	2	1	1	6	6	1	10	11
54	0	13	6	0	18	0	1	2	8	1	7	0	1	11	6
55	0	13	9	0	18	4	1	3	11	1	7	6	1	12	1
56	0	14	0	0	18	8	1	3	4	1	8	0	1	12	8
57	0	14	3	0	19	0	1	3	9	1	8	6	1	13	3
58	0	14	6	0	19	4	1	4	2	1	9	0	1	13	10
59	0	14	9	0	19	8	1	4	7	1	9	6	1	14	5
60	0	15	0	1	0	0	1	5	0	1	10	0	1	15	0
70	0	17	6	1	3	4	1	9	2	1	15	0	2	0	10
80	1	0	0	1	6	8	1	13	4	2	0	0	2	6	8
90	1	2	6	1	10	0	1	17	6	2	5	0	2	12	6
100	1	5	0	1	13	4	2	1	8	2	10	0	2	18	4
200	2	10	0	3	6	8	4	3	4	5	0	0	5	16	8
300	3	15	0	5	0	0	6	5	0	7	10	0	8	15	0
400	5	0	0	6	13	4	8	6	8	10	0	0	11	13	4
500	6	5	0	8	6	8	10	8	4	12	10	0	14	11	8
600	7	10	0	10	0	0	12	9	0	15	0	0	17	10	0
700	8	15	0	11	13	4	14	12	8	17	10	0	20	8	4
800	10	0	0	13	6	8	16	13	4	20	0	0	23	6	8

No.	8 Pence			9 Pence			10 Pence			11 Pence			1 Shillin		
	l.	s	d	l.	s.	d	l.	s.	d	l.	s.	d	l.	s.	d
2	0	1	4	0	1	6	0	1	8	0	1	10	0	2	0
3	0	2	0	0	2	3	0	2	6	0	2	9	0	3	0
4	0	2	8	0	3	0	0	3	4	0	3	8	0	4	0
5	0	3	4	0	3	9	0	4	2	0	4	7	0	5	0
6	0	4	0	0	4	6	0	5	0	0	5	6	0	6	0
7	0	4	8	0	5	3	0	5	10	0	6	5	0	7	0
8	0	5	4	0	6	0	0	6	8	0	7	4	0	8	0
9	0	6	0	0	6	9	0	7	6	0	8	3	0	9	0
10	0	6	8	0	7	6	0	8	4	0	9	2	0	10	0
11	0	7	4	0	8	3	0	9	2	0	10	1	0	11	0
12	0	8	0	0	9	0	0	10	0	0	11	0	0	12	0
13	0	8	8	0	9	9	0	10	10	0	11	11	0	13	0
14	0	9	4	0	10	6	0	11	8	0	12	10	0	14	0
15	0	10	0	0	11	3	0	12	6	0	13	9	0	15	0
16	0	10	8	0	12	0	0	13	4	0	14	8	0	16	0
17	0	11	4	0	12	9	0	14	2	0	15	7	0	17	0
18	0	12	0	0	13	6	0	15	0	0	16	6	0	18	0
19	0	12	8	0	14	3	0	15	10	0	17	5	0	19	0
20	0	13	4	0	15	0	0	16	8	0	18	4	1	0	0
21	0	14	0	0	15	9	0	17	6	0	19	3	1	1	0
22	0	14	8	0	16	6	0	18	4	1	0	2	1	2	0
23	0	15	4	0	17	3	0	19	2	1	1	1	1	3	0
24	0	16	0	0	18	0	1	0	0	1	2	0	1	4	0
25	0	16	8	0	18	9	1	0	10	1	2	11	1	5	0
26	0	17	4	0	19	6	1	1	8	1	3	10	1	6	0
27	0	18	0	1	0	3	1	2	6	1	4	9	1	7	0
28	0	18	8	1	1	0	1	3	4	1	5	8	1	8	0
29	0	19	4	1	1	9	1	4	2	1	6	7	1	9	0
30	1	0	0	1	2	6	1	5	0	1	7	6	1	10	0
31	1	0	8	1	3	3	1	5	10	1	8	5	1	11	0
32	1	1	4	1	4	0	1	6	8	1	9	4	1	12	0
33	1	2	0	1	4	9	1	7	6	1	10	3	1	13	0
34	1	2	8	1	5	6	1	8	4	1	11	2	1	14	0
35	1	3	4	1	6	3	1	9	2	1	12	1	1	15	0
36	1	4	0	1	7	0	1	10	0	1	13	0	1	16	0

No.	8 Pence			9 Pence			10 Pence			11 Pence			1 Shilling.		
	l.	s.	d	l.	s.	d	l.	s.	d	l	s	d	l.	s.	d
37	1	4	8	1	7	9	1	10	10	1	13	11	1	17	0
38	1	5	4	1	8	6	1	11	8	1	14	10	1	18	0
39	1	6	0	1	9	3	1	12	6	1	15	9	1	19	0
40	1	6	8	1	10	0	1	13	4	1	16	8	2	0	0
41	1	7	4	1	10	9	1	14	2	1	17	7	2	1	0
42	1	8	0	1	11	6	1	15	0	1	18	6	2	2	0
43	1	8	8	1	12	3	1	15	10	1	19	5	2	3	0
44	1	9	4	1	13	0	1	16	8	2	0	4	2	4	0
45	1	10	0	1	13	9	1	17	6	2	1	3	2	5	0
46	1	10	8	1	14	6	1	18	4	2	2	2	2	6	0
47	1	11	4	1	15	3	1	19	2	2	3	1	2	7	0
48	1	12	0	1	16	0	2	0	0	2	4	0	2	8	0
49	1	12	8	1	16	9	2	0	10	2	4	11	2	9	0
50	1	13	4	1	17	6	2	1	8	2	5	10	2	10	0
51	1	14	0	1	18	3	2	2	6	2	6	9	2	11	0
52	1	14	8	1	19	0	2	3	4	2	7	8	2	12	0
53	1	15	4	1	19	9	2	4	2	2	8	7	2	13	0
54	1	16	0	2	0	6	2	5	0	2	9	6	2	14	0
55	1	16	8	2	1	3	2	5	10	2	10	5	2	15	0
56	1	17	4	2	2	0	2	6	8	2	11	4	2	16	0
57	1	18	0	2	2	9	2	7	6	2	12	3	2	17	0
58	1	18	8	2	3	6	2	8	4	2	13	2	2	18	0
59	1	19	4	2	4	3	2	9	2	2	14	1	2	19	0
60	2	0	0	2	5	0	2	10	0	2	15	0	3	0	0
70	2	6	8	2	12	6	2	18	4	3	4	2	3	10	0
80	2	13	4	3	0	0	3	6	8	3	13	4	4	0	0
90	3	0	0	3	7	6	3	15	0	4	2	6	4	10	0
100	3	6	8	3	15	0	4	3	4	4	11	8	5	0	0
200	6	13	4	7	10	0	8	6	8	9	3	4	10	0	0
300	10	0	0	11	5	0	12	10	0	13	15	0	15	0	0
400	13	6	8	15	0	0	16	13	4	18	6	8	20	0	0
500	16	13	4	18	15	0	20	16	8	22	18	4	25	0	0
600	20	0	0	22	10	0	25	0	0	27	10	0	30	0	0
700	23	6	8	26	5	0	29	3	4	32	1	8	35	0	0
800	26	13	4	30	0	0	33	6	8	36	13	4	40	0	0

No.	2 Shill.		3 Shill.		4 Shill		5 Shill		6 Shill.	
	l.	s.	l.	s.	l.	s.	l.	s.	l.	s.
2	0	4	0	6	0	8	0	10	0	12
3	0	6	0	9	0	12	0	15	0	18
4	0	8	0	12	0	16	1	0	1	4
5	0	10	0	15	1	0	1	5	1	10
6	0	12	0	18	1	4	1	10	1	16
7	0	14	1	1	1	8	1	15	2	2
8	0	16	1	4	1	12	2	0	2	8
9	0	18	1	7	1	16	2	5	2	14
10	1	0	1	10	2	0	2	10	3	0
11	1	2	1	13	2	4	2	15	3	6
12	1	4	1	16	2	8	3	0	3	12
13	1	6	1	19	2	12	3	5	3	18
14	1	8	2	2	2	16	3	10	4	4
15	1	10	2	5	3	0	3	15	4	10
16	1	12	2	8	3	4	4	0	4	16
17	1	14	2	11	3	8	4	5	5	2
18	1	16	2	14	3	12	4	10	5	8
19	1	18	2	17	3	16	4	15	5	14
20	2	0	3	0	4	0	5	0	6	0
21	2	2	3	3	4	4	5	5	6	6
22	2	4	3	6	4	8	5	10	6	12
23	2	6	3	9	4	12	5	15	6	18
24	2	8	3	12	4	16	6	0	7	4
25	2	10	3	15	5	0	6	5	7	10
26	2	12	3	18	5	4	6	10	7	16
27	2	14	4	1	5	8	6	15	8	2
28	2	16	4	4	5	12	7	0	8	8
29	2	18	4	7	5	16	7	5	8	14
30	3	0	4	10	6	0	7	10	9	0
31	3	2	4	13	6	4	7	15	9	8
32	3	4	4	16	6	8	8	0	9	12
33	3	6	4	19	6	12	8	5	9	18
34	3	8	5	2	6	16	8	10	10	4
35	3	10	5	5	7	0	8	15	10	10
36	3	12	5	8	7	4	9	0	10	16

No.	2 Shill.		3 Shill.		4 Shill.		5 Shill.		6 Shill.	
	l.	s.	l.	s.	l.	s.	l.	s.	l.	s
37	3	14	5	11	7	8	9	5	11	2
38	3	16	5	14	7	12	9	10	11	8
39	3	18	5	17	7	16	9	15	11	14
40	4	0	6	0	8	0	10	0	12	0
41	4	02	6	3	8	4	10	5	12	6
42	4	4	6	6	8	8	10	10	12	12
43	4	6	6	9	8	12	10	15	12	18
44	4	8	6	12	8	16	11	0	13	4
45	4	10	6	15	9	0	11	5	13	10
46	4	12	6	18	9	4	11	10	13	16
47	4	14	7	1	9	8	11	15	14	2
48	4	16	7	4	9	12	12	0	14	8
49	4	18	7	7	9	16	12	5	14	14
50	5	0	7	10	10	0	12	10	15	0
51	5	2	7	13	10	4	12	15	15	6
52	5	4	7	16	10	8	13	0	15	12
53	5	6	7	19	10	12	13	5	15	18
54	5	8	8	2	10	16	13	10	16	4
55	5	10	8	5	11	0	13	15	16	10
56	5	12	8	8	11	4	14	0	16	16
57	5	14	8	11	11	8	14	5	17	2
58	5	16	8	14	11	12	14	10	17	8
59	5	18	8	17	11	16	14	15	17	14
60	6	0	9	0	12	0	15	0	18	0
70	7	0	10	10	14	0	17	10	21	0
80	8	0	12	0	16	0	20	0	24	0
90	9	0	13	10	18	0	22	10	27	0
100	10	0	15	0	20	0	25	0	30	0
200	20	0	30	0	40	0	50	0	60	0
300	30	0	45	0	60	0	75	0	90	0
400	40	0	60	0	80	0	100	0	120	0
500	50	0	75	0	100	0	125	0	150	0
600	60	0	90	0	120	0	150	0	180	0
700	70	0	105	0	140	0	175	0	210	0
800	80	0	120	0	160	0	200	0	240	0

No.	7 Shilling.		8 Shilling		9 Shilling.		10 Shillin.		11 Shil	
	l.	s.	l.	s.	l.	s.	l.	s.	l.	s
2	0	14	0	16	0	18	1	0	1	2
3	1	1	1	4	1	7	1	10	1	13
4	1	8	1	12	1	16	2	0	2	4
5	1	15	2	0	2	5	2	10	2	15
6	2	2	2	8	2	14	3	0	3	6
7	2	9	2	16	3	3	3	10	3	17
8	2	16	3	4	3	12	4	0	4	8
9	3	3	3	12	4	1	4	10	4	19
10	3	10	4	0	4	10	5	0	5	10
11	3	17	4	8	4	19	5	10	6	1
12	4	4	4	16	5	8	6	0	6	12
13	4	11	5	4	5	17	6	10	7	3
14	4	18	5	12	6	6	7	0	7	14
15	5	5	6	0	6	15	7	10	8	5
16	5	12	6	8	7	4	8	0	8	16
17	5	19	6	16	7	13	8	10	9	7
18	6	6	7	4	8	2	9	0	9	18
19	6	13	7	12	8	11	9	10	10	9
20	7	0	8	0	9	0	10	0	11	0
21	7	7	8	8	9	9	10	10	11	11
22	7	14	8	16	9	18	11	0	12	2
23	8	1	9	4	10	7	11	10	12	13
24	8	8	9	12	10	16	12	0	13	4
25	8	15	10	0	11	5	12	10	13	15
26	9	2	10	8	11	14	13	0	14	6
27	9	9	10	16	12	3	13	10	14	17
28	9	16	11	4	12	12	14	0	15	8
29	10	3	11	12	13	1	14	10	15	19
30	10	10	12	0	13	10	15	0	16	10
31	10	17	12	8	13	19	15	10	17	1
32	11	4	12	16	14	8	16	0	17	12
33	11	11	13	4	14	17	16	10	18	3
34	11	18	13	12	15	6	17	0	18	14
35	12	5	14	0	15	15	17	10	19	5
36	12	12	14	8	16	4	18	0	19	16

No.	7 Shill.		8 Shill.		9 Shill.		10 Shil.		11 Shil.	
	l.	s.	l.	s.	l.	s.	l.	s.	l.	s.
37	12	19	14	16	16	13	18	10	20	7
38	13	6	15	4	17	2	19	0	20	18
39	13	13	15	12	17	11	19	10	21	9
40	14	0	16	0	18	0	20	0	22	0
41	14	7	16	8	18	9	20	10	22	11
42	14	14	16	16	18	18	21	0	23	2
43	15	1	17	4	19	7	21	10	23	13
44	15	8	17	12	19	16	22	0	24	4
45	15	15	18	0	20	5	22	10	24	15
46	16	2	18	8	20	14	23	0	25	6
47	16	9	18	16	21	3	23	10	25	17
48	16	16	19	4	21	12	24	0	26	8
49	17	3	19	12	22	1	24	10	26	19
50	17	10	20	0	22	10	25	0	27	10
51	17	17	20	8	22	19	25	10	28	1
52	18	4	20	16	23	8	26	0	28	12
53	18	11	21	4	23	17	26	10	29	3
54	18	18	21	12	24	6	27	0	29	14
55	19	5	22	0	24	15	27	10	30	5
56	19	12	22	8	25	4	28	0	30	16
57	19	19	22	16	25	13	28	10	31	7
58	20	6	23	4	26	2	29	0	31	18
59	20	13	23	12	26	11	29	10	32	9
60	21	0	24	0	27	0	30	0	33	0
70	24	10	28	0	31	10	35	0	38	10
80	28	0	32	0	36	0	40	0	44	0
90	31	10	36	0	40	0	45	0	49	10
100	35	0	40	0	45	0	50	0	55	0
200	70	0	80	0	90	0	100	0	110	0
300	105	0	120	0	135	0	150	0	165	0
400	140	0	160	0	180	0	200	0	220	0
500	175	0	200	0	225	0	250	0	275	0
600	210	0	240	0	270	0	300	0	330	0
700	245	0	280	0	315	0	350	0	385	0
800	280	0	320	0	360	0	400	0	440	0

No.	12 Shilling		13 Shillin.		14 Shillin.		15 Shillin.		16 Shill.	
	l.	s.	l.	s.	l.	s.	l.	s.	l.	s.
2	1	4	1	6	1	8	1	10	1	12
3	1	16	1	19	2	2	2	5	2	8
4	2	8	2	2	2	16	3	0	3	4
5	3	0	2	15	3	10	3	15	4	0
6	3	12	3	8	4	4	4	10	4	16
7	4	4	4	1	4	18	5	5	5	12
8	4	16	4	14	5	12	6	0	6	8
9	5	8	5	7	6	6	6	15	7	4
10	6	0	6	10	7	0	7	10	8	0
11	6	12	7	3	7	14	8	5	8	16
12	7	4	7	16	8	8	9	0	9	12
13	7	16	8	9	9	2	9	15	10	8
14	8	8	9	2	9	16	10	10	11	4
15	9	0	9	15	10	10	11	5	12	0
16	9	12	10	8	11	4	12	0	12	16
17	10	4	11	1	11	18	12	15	13	12
18	10	16	11	14	12	12	13	10	14	8
19	11	8	12	7	13	6	14	5	15	4
20	12	0	13	0	14	0	15	0	16	0
21	12	12	13	13	14	14	15	15	16	16
22	13	4	14	6	15	8	16	10	17	12
23	13	16	14	19	16	2	17	5	18	8
24	14	8	15	12	16	16	18	0	19	4
25	15	0	16	5	17	10	18	15	20	0
26	15	12	16	18	18	4	19	10	20	16
27	16	4	17	11	18	18	20	5	21	12
28	16	16	18	4	19	12	21	0	22	8
29	17	8	18	17	20	6	21	15	23	4
30	18	0	19	10	21	0	22	10	24	0
31	18	12	20	3	21	14	23	5	24	16
32	19	4	20	16	22	8	24	0	25	12
33	19	16	21	9	23	2	25	15	26	8
34	20	8	22	2	23	16	25	10	27	4
35	21	0	22	15	24	10	26	5	28	0
36	21	12	23	8	25	4	27	0	28	16

No.	12 Shill.		13 Shill.		14 Shill.		15 Shill.		16 Shill.	
	l.	s.	l.	s.	l.	s.	l.	s.	l.	s.
37	22	4	24	1	25	18	27	15	29	12
38	22	16	24	14	26	12	28	10	30	8
39	23	8	25	7	27	6	29	5	31	4
40	24	0	26	0	28	0	30	0	32	0
41	24	12	26	13	28	14	30	15	32	16
42	25	4	27	6	29	8	31	10	33	12
43	25	16	27	9	30	2	32	5	34	8
44	26	8	28	12	30	16	33	0	35	4
45	27	0	29	5	31	10	33	15	36	0
46	27	12	29	18	32	4	34	10	36	16
47	28	4	30	11	32	18	35	5	37	12
48	28	16	31	4	33	12	36	0	38	8
49	29	8	31	17	34	6	36	15	39	4
50	30	0	32	10	35	0	37	10	40	0
51	30	12	33	3	35	14	38	5	40	16
52	31	4	33	16	36	8	39	0	41	12
53	31	16	34	9	37	2	39	15	42	8
54	32	8	35	2	37	16	40	10	43	4
55	33	0	35	15	38	10	41	5	44	0
56	33	12	36	8	39	4	42	0	44	16
57	34	4	37	1	39	18	42	15	45	12
58	34	16	37	4	40	12	43	10	46	8
59	35	8	38	7	41	6	44	5	47	8
60	36	0	39	0	42	0	45	0	48	0
70	42	0	45	10	49	0	52	10	56	0
80	48	0	52	0	56	0	60	0	64	0
90	54	0	58	10	63	0	67	10	72	0
100	60	0	65	0	70	0	75	0	80	0
200	120	0	130	0	140	0	150	0	160	0
300	180	0	195	0	210	0	225	0	240	0
400	240	0	260	0	280	0	300	0	320	0
500	300	0	325	0	350	0	375	0	400	0
600	360	0	390	0	420	0	450	0	480	0
700	420	0	455	0	490	0	525	0	560	0
800	480	0	520	0	560	0	600	0	640	0

THE EXPLANATION and USE Of the foregoing TABLE.

THE Number of Feet, Yards, *&c.* is to be ſought under No. in the firſt Left-hand Column of every Page, where you may obſerve, that the Number in the Right-hand Page begins where the other ends.

The uppermoſt Row of Figures is the Price at *per* Foot, Yard, *&c.*

Example I.

At $\frac{3}{4}$*q. per Foot, what comes* 32 *Feet to?*

Seek the Price at *per* Foot on the Top of the Table, *viz.* 3 Farthings, and ſtrait down that Column, againſt 32, the Number of Feet, ſtands 2*s.* 0*d.* 0*q.* that

that is two Shillings, as the Letters on the Top of the Columns denote.

Example II.

At Two-pence Farthing per Pound, what comes two hundred Pound to?

Now becauſe you cannot find on the Top of the Table Two-pence Farthing at once, you muſt take it out at twice, thus

	l.	s.	d.
200 Pound at 2*d.* *per* Pound is	1	13	4
200 Pound at ¼ *per* Pound is	0	4	2
200 Pound at 2*d* ¼ *per* Pound is	1	17	6

Example III.

At 10*s.* 4*d.* ½ *per Yard, what comes* 60 *Yards to?*

	l.	s.	d
At 10*s.* *per* Yard 60 Y. is	30	0	0
Ditto at 4*d.* *per* Yard	1	0	0
Ditto at ½ *d.* *per* Yard	0	2	6
60 Y. at 10*s.* 4*d.* ½ *per* Yard is	31	2	6

Example IV.

At 13*s.* 7*d.* ½ *per Yard, what comes* 156 *Yards to?*

	l.	s.	d
100 Yards at 13*s* *per* Yard is	65	0	0
ditto at 0*s.* 7*d* *per* yard	2	18	4
ditto at 0*s.* 0*d.* ½ *per* yard	0	4	2
56 Yards at 13*s* 0*d.* *per* yard	36	8	0
ditto at 0*s.* 7*d.* *per* yard	1	12	8
ditto at 0*s.* 0*d.* ½ *per* yard	0	2	4
156 yards at 13*s.* 7*d.* ½ *per* yard is	106	5	6

Example V.

At 12*s.* *per Square, what comes* 636 *Square to?*

	l.	s.	d
600 Square at 12*s.* *per* Square is	360	00	0
36 Square at 12*s.* *per* Square is	22	12	0
636 Square at 12*s.* *per* Square is	381	12	0

Example VI.

At 5s. 4d. per Rod, what comes 45 *Rod to?*

	l.	s.	d
45 Rod at 5*s.* *per* Rod is	11	5	0
ditto at 4*d.* *per* Rod is	0	15	0
45 Rod at 5*s.* 4*d.* *per* Rod is	12	0	0

TABLE XIII.

What any odd Number of parts in a Hundred, at 120 to the Hundred comes unto, at any Rate *per* Hundred, from half a Crown to Eight pound *per* Hundred; whether it be Number, Weight, or Meaſure.

1 Hun.	s.	d	s.	d	s.	d	s.	d	s.	d
120	2	6	3	0	3	6	3	8	4	0
¾ Hun. 90	1	10½	2	3	2	7½	2	9	3	0
½ Hun. 60	1	3	1	6	1	9	1	10	2	0
¼ Hun. 30	0	7½	0	9	0	10½	0	11	1	0
	d	q	d	q	d	q	d	q	d	q
29	7	1	8	2½	10	0½	10	2½	11	2
28	7	0	8	1½	9	3	10	1	11	0½
27	6	3	8	0	9	1½	9	3½	10	3
26	6	2	7	3	9	0	9	2	10	1½
25	6	1	7	2	8	3	9	0½	10	0
24	6	0	7	0½	8	1½	8	3	9	2
23	5	3	6	3½	8	0	8	1½	9	0½
22	5	2	6	2	7	2½	8	0	8	3
21	5	1	6	1	7	1	7	2½	8	1½
20	5	0	6	0	7	0	7	1	8	0
19	4	3	5	2½	6	2½	6	3½	7	2
18	4	2	5	1½	6	1	6	2	7	0½
17	4	1	5	0	5	3½	6	0½	6	3
16	4	0	4	3	5	2	5	3	6	1½
15	3	3	4	2	5	1	5	2	6	0
14	3	2	4	0½	4	3½	5	0½	5	2
13	3	1	3	3½	4	2	4	3	5	0½
12	3	0	3	2	4	0½	4	1½	4	3
11	2	3	3	1	3	3	4	0	4	1½
10	2	2	3	0	3	2	3	2½	4	0
9	2	1	2	2½	3	0½	3	1	3	2
8	2	0	2	1½	2	3	2	3½	3	0½
7	1	3	2	0	2	1½	2	2	2	3
6	1	2	1	3	2	0	2	0½	2	1½
5	1	1	1	2	1	3	1	3	2	0
4	1	0	1	0½	1	1½	1	1½	1	2
3	0	3	0	3½	1	0	1	0	1	0½
2	0	2	0	2	0	2½	0	2½	0	3
1	0	1	0	1	0	1	0	1	0	1½

1H.	s.	d.	s.	d.		s.	d.		s.	d		s.	d	
120	4	6	5	0		6	0		7	0		8	0	
¾H. 90	3	4½	3	9		4	6		5	3		6	0	
½H. 60	2	3	2	6		3	0		3	6		4	0	
¼H. 30	1	1½	1	3		1	6		1	9		2	0	
	d.	q.	s.	d.	q.	s.	d.	q	s.	d.	q.	s.	d.	q.
29	13	0	1	2	2	1	5	1½	1	8	1	1	11	0½
28	12	2	1	2	0	1	4	3	1	7	2	1	10	1½
27	12	0½	1	1	2	1	4	0½	1	6	3½	1	9	2
26	11	2½	1	1	0	1	3	2	1	6	0½	1	8	3
25	11	1	1	0	2	1	3	0	1	5	2	1	8	0
24	10	3	1	0	0	1	2	1½	1	4	3	1	7	0½
23	10	1	0	11	2	1	1	3	1	4	0	1	6	1½
22	9	3½	0	11	0	1	1	0½	1	3	1½	1	5	2
21	9	1½	0	10	2	1	0	2	1	2	2½	1	4	3
20	9	0	0	10	0	1	0	0	1	2	0	1	4	0
19	8	2	0	9	2	0	11	1½	1	1	1	1	3	0½
18	8	0	0	9	0	0	10	3	1	0	2	1	2	1½
17	7	2½	0	8	2	0	10	0½	0	11	3½	1	1	2
16	7	0½	0	8	0	0	9	2	0	11	0½	1	0	3
15	6	3	0	7	2	0	9	0	0	10	2	1	0	0
14	6	1	0	7	0	0	8	1½	0	9	3	0	11	0½
13	5	3	0	6	2	0	7	3	0	9	0	0	10	1½
12	5	1½	0	6	0	0	7	0½	0	8	1½	0	9	2
11	4	3½	0	5	2	0	6	2	0	7	2½	0	8	3
10	4	2	0	5	0	0	6	0	0	7	0	0	8	0
9	4	0	0	4	2	0	5	1½	0	6	1	0	7	0½
8	3	2	0	4	0	0	4	3	0	5	2	0	6	1½
7	3	0½	0	3	2	0	4	0½	0	4	3½	0	5	2
6	2	2½	0	3	0	0	3	2	0	4	0½	0	4	3
5	2	1	0	2	2	0	3	0	0	3	2	0	4	0
4	1	3	0	2	0	0	2	1½	0	2	3	0	3	0½
3	1	1	0	1	2	0	1	3	0	2	0	0	2	1½
2	0	3½	0	1	0	0	1	0½	0	1	1½	0	1	2
1	0	1½	0	0	2	0	0	2	0	0	2½	0	0	3

1Hn	s.	d.		s.	d.	l.	s.	l.	s.	l.	s.
120	9	0		10	0	1	0	2	0	3	0
¾H. 90	6	9		7	6	0	15	1	10	2	5
½H. 60	4	6		5	0	0	10	1	0	1	10
¼H. 30	2	3		2	6	0	5	0	10	0	15
	s.	d.	q.	s.	d.	s.	d.	s.	d	s.	d
29	2	2	0	2	5	4	10	9	8	14	6
28	2	1	0½	2	4	4	8	9	4	14	0
27	2	0	1	2	3	4	6	9	0	13	6
26	1	11	1½	2	2	4	4	8	8	13	0
25	1	10	2	2	1	4	2	8	4	12	6
24	1	9	2	2	0	4	0	8	0	12	0
23	1	8	2½	1	11	3	10	7	8	11	6
22	1	7	3	1	10	3	8	7	4	11	0
21	1	6	3½	1	9	3	6	7	0	10	6
20	1	6	0	1	8	3	4	6	8	10	0
19	1	5	0	1	7	3	2	6	4	9	6
18	1	4	0½	1	6	3	0	6	0	9	0
17	1	3	1	1	5	2	10	5	8	8	6
16	1	2	1½	1	4	2	8	5	4	8	0
15	1	1	2	1	3	2	6	5	0	7	6
14	1	0	2	1	2	2	4	4	8	7	0
13	0	11	2½	1	1	2	2	4	4	6	6
12	0	10	3	1	0	2	0	4	0	6	0
11	0	9	3½	0	11	1	10	3	8	5	6
10	0	9	0	0	10	1	8	3	4	5	0
9	0	8	0	0	9	1	6	3	0	4	6
8	0	7	0½	0	8	1	4	2	8	4	0
7	0	6	1	0	7	1	2	2	4	3	6
6	0	5	1½	0	6	1	0	2	0	3	0
5	0	4	2	0	5	0	10	1	8	2	6
4	0	3	2	0	4	0	8	1	4	2	0
3	0	2	2½	0	3	0	6	1	0	1	6
2	0	1	3	0	2	0	4	0	8	1	0
1	0	0	3½	0	1	0	2	0	4	0	6

1 Hun 120	4 Poun		5 Poun.		6 Poun.		7 Pound			8 Pound		
¾ Hun	l.	s.	l.	s.	l.	s	l.	s.		l.	s.	
90	3	0	3	15	4	10	5	5		6	0	
½ Hun												
60	2	0	2	10	3	0	3	10		4	0	
¼ Hun												
30	1	0	1	5	1	10	1	15		2	0	
	s.	d	s.	d	s	d	l.	s	d.	l.	s.	d.
29	19	4	24	2	1	9	1	13	10	1	18	8
28	18	8	23	4	1	8	1	12	8	1	17	4
27	18	0	22	6	1	7	1	11	6	1	16	0
26	17	4	21	8	1	6	1	10	4	1	14	8
25	16	8	20	10	1	5	1	9	2	1	13	4
24	16	0	20	0	1	4	1	8	0	1	12	0
23	15	4	19	2	1	3	1	6	10	1	10	8
22	14	8	18	4	1	2	1	5	8	1	9	4
21	14	0	17	6	1	1	1	4	6	1	8	0
20	13	4	16	8	1	0	1	3	4	1	6	8
19	12	8	15	10	0	19	1	2	2	1	5	4
18	12	0	15	0	0	18	1	1	0	1	4	0
17	11	4	14	2	0	17	0	19	10	1	2	8
16	10	8	13	4	0	16	0	18	8	1	1	4
15	10	0	12	6	0	15	0	17	6	1	0	0
14	9	4	11	8	0	14	0	16	4	0	18	8
13	8	8	10	10	0	13	0	15	2	0	17	4
12	8	0	10	0	0	12	0	14	0	0	16	0
11	7	4	9	2	0	11	0	12	10	0	14	8
10	6	8	8	4	0	10	0	11	8	0	13	4
9	6	0	7	6	0	9	0	10	6	0	12	0
8	5	4	6	8	0	8	0	9	4	0	10	8
7	4	8	5	10	0	7	0	8	2	0	9	4
6	4	0	5	0	0	6	0	7	0	0	8	0
5	3	4	4	2	0	5	0	5	10	0	6	8
4	2	8	3	4	0	4	0	4	8	0	5	4
3	2	0	2	6	0	3	0	3	6	0	4	0
2	1	4	1	8	0	2	0	2	4	0	2	8
1	0	8	0	10	0	1	0	1	2	0	1	4

THE

EXPLANATION and USE

Of the foregoing

TABLE.

IN the uppermoſt Row of Figures you have exhibited the Price of a Hundred, at Six-ſcore, or 120 to the Hundred, from 2*s.* 6*d.* *per* Hundred to 8 Pound. And immediately under the Price *per* Hundred, between the Lines, is the Value of three quarters of a Hundred, half a Hundred, and a quarter of a Hundred, at the above Rate *per* Hundred. In the firſt Column towards the Left-hand, is to be ſought any Number leſs than a quarter of a Hundred, and alſo a quarter of a Hundred, half a Hundred, and three quarters of a Hundred; and right againſt any Number in the other Columns you have the Value thereof, according to the Rate or Price exhibited on the Top.

Example I.

At 3s. 8d. per Hundred, what comes 16 Foot to?

Seek in the firſt Column for 16 Foot, and on the Top of the Table for the Price *per* Hundred, *viz.* 3*s.* 8*d.* and in the Angle of meeting you have 5*d.* 3*q.* *viz.* Five Pence Three Farthings, the Price ſought. Proceed in the ſame manner for the Solution of any other Queſtion.

Example II.

At 9s. 6d. per Hundred, what comes 25 Pound to?

Now becauſe you cannot find 9*s.* 6*d.* over either of the Columns, which is the Price *per* Hundred required, in ſuch a caſe you muſt take it out at twice, as follows.

	s.	d.	q
25 Pound at 4*s.* 6*d.* *per* Hun. is		11	1
Ditto at 5*s.*	1	0	3
25 Pound at 9*s.* 6*d.* *per* Hun. is	1	11	3

Example III.

If one Hundred of Deals coſt 7l. 10s. what is that per Deal?

	s.	d
1 Deal at 7*l.* *per* Hundred is	1	2
Ditto at 10*s.* *per* Hundred	0	1
1 Deal at 7*l.* 10*s.* *per* Hundred is	1	3

Example IV.

If one Hundred of Deals coſt 5l. 2s. 6d. what doth Seventy three come to at that Rate.

	l.	s.	d	q
½ Hundred or 60 at 5*l.* *per* Hundred is	2	10	0	0
½ Hun. at 2*s.* 6*d.* *per* Hun.	0	1	3	0
13 Deals at 5*l.* *per* Hun. is	0	10	10	0
13 Deals at 2*s.* 6*d.* *per* H.	0	0	3	1
73 Deals at 5*l.* 2*s.* 6*d.* *per H.*	3	2	4	1

Note. By this Hundred Sawyers meaſure their Work, and Deals, Nails, four Foot Lathes, Barrel Hoops, Canvas Cloth, Herrings, and Eggs are ſold; and therefore by this Table they may be valued.

N.B. That the ½ in either of the Columns are half Farthings.

TABLE XIV.

Shewing the Value of any Parts of a Hundred, at a Hundred and twelve to the Hundred, of any Commodity ſold either by Number, Weight, or Meaſure, from Two Shillings and Six-pence to Eight Pound *per* Hundred.

1 Hn	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
112	2	6	3	0	3	6	4	0	4	6
¾H. 84	1	10½	2	3	2	7½	3	0	3	4½
½H. 56	1	3	1	6	1	9	2	0	2	3
¼H. 28	0	7½	0	9	0	10½	1	0	1	1½
	d.	q.	d.	q.	d.	q.	d.	q.	d	q.
27	7	0½	8	2½	10	0½	11	2	13	0
26	6	3½	8	1	9	8	11	0½	12	2
25	6	2½	8	0	9	1½	10	2½	12	0
24	6	1½	7	2½	8	0	10	1	11	2
23	6	0½	7	1½	8	2½	9	3	11	0
22	5	3	7	0	8	1	9	1½	10	2
21	5	2	6	3	7	3½	9	0	10	0½
20	5	1	6	1½	7	2	8	2	9	2½
19	5	0	6	0½	7	0½	8	0½	9	0½
18	4	3	5	3	6	3	7	2½	8	2½
17	4	2	5	1½	6	1½	7	1	8	0½
16	4	1	5	0½	6	0	6	3	7	2¾
15	4	0	4	3	5	2½	6	1½	7	0¾
14	3	3	4	2	5	1	6	0	6	3
13	3	1¾	4	0½	4	3½	5	2	6	1
12	3	0¾	3	3	4	2	5	0½	5	3
11	2	3½	3	2	4	0½	4	2½	5	1
10	2	2½	3	0½	3	3	4	1	4	3
9	2	1½	2	3½	3	1½	3	3	4	1
8	2	0½	2	2	3	0	3	1½	3	3
7	1	3	2	1	2	2½	3	0	3	1½
6	1	2	1	3½	2	1	2	2	2	3½
5	1	1	1	2	1	3½	2	0½	2	1½
4	1	0	1	1	1	2	1	2½	1	3½
3	0	3	0	3½	1	0½	1	1	1	1½
2	0	2	0	2½	0	3	0	3	0	3¾
1	0	1	0	1	0	1	0	1½	0	1¾

	s.	d	s.	d	s.	d	s.	d	s.	d
1H. 112	5	0	6	0	7	0	8	0	9	0
¾H. 84	3	9	4	6	5	3	6	0	6	9
½H. 56	2	6	3	0	3	6	4	0	4	6
¼H. 28	1	3	1	6	1	9	2	0	2	3

	d.	q.	s.	d.	q.	s.	d.	q	s.	d.	q.	s.	d.	q.
27	14	1¾	1	5	1	1	8	1	1	11	0½	2	2	0
26	13	3½	1	4	2¾	1	7	2	1	10	1	2	1	0
25	13	1½	1	4	0	1	6	3	1	9	1½	2	0	0
24	12	3	1	3	1½	1	6	0	1	8	2	1	11	0½
23	12	1	1	2	3	1	5	1	1	7	2¾	1	10	0½
22	11	3	1	2	0½	1	4	2	1	6	3	1	9	0¾
21	11	1	1	1	2	1	3	3	1	6	0	1	8	1
20	10	2¾	1	0	3	1	3	0	1	5	0½	1	7	1
19	10	0½	1	0	0¾	1	2	1	1	4	1	1	6	1
18	9	2½	0	11	2	1	1	2	1	3	1½	1	5	1
17	9	0	0	10	3½	1	0	3	1	2	2	1	4	1½
16	8	2	0	10	1	1	0	0	1	1	2¾	1	3	1½
15	8	0	0	9	2½	0	11	1	1	0	3	1	2	1¾
14	7	2	0	9	0	0	10	2	1	0	0	1	1	2
13	6	3¾	0	8	1	0	9	3	0	11	0½	1	0	2
12	6	1½	0	7	2¾	0	9	0	0	10	1	0	11	2
11	5	3½	0	7	0	0	8	1	0	9	1½	0	10	2
10	5	1	0	6	1½	0	7	2	0	8	2	0	9	2½
9	4	3	0	5	3	0	6	3	0	7	2¾	0	8	2½
8	4	1	0	5	0½	0	6	0	0	6	3	0	7	2¾
7	3	3	0	4	2	0	5	1	0	6	0	0	6	3
6	3	0¾	0	3	3	0	4	2	0	5	0½	0	5	3
5	2	2½	0	3	0¾	0	3	3	0	4	1	0	4	3
4	2	0½	0	2	2	0	3	0	0	3	1½	0	3	3
3	1	2	0	1	3½	0	2	1	0	2	2	0	2	3½
2	1	0	0	1	1	0	1	2	0	1	2¾	0	1	3½
1	0	2	0	0	2½	0	0	3	0	0	3	0	0	3¾

1H.	s.	d		l.	s.		l.	s		l.	s.		l.	d	
112	10	0		1	0		2	0		3	0		4	0	
¾H. 84	7	6		0	15		1	10		2	5		3	0	
½H. 56	5	0		0	10		1	0		1	10		2	0	
¼H. 28	2	6		0	5		0	10		0	15		1	0	
	s.	d	q	s.	d	q	s.	d	q	s.	d	q	s.	d	q
27	2	4	3½	4	11	3	9	7	2¾	14	5	1	19	3	1½
26	2	3	3	4	9	2¾	9	3	1½	13	10	3½	18	6	3
25	2	2	3½	4	7	2	8	11	0½	13	4	2	17	10	1
24	2	1	2¾	4	3	1½	8	6	3	12	10	0	17	1	2¾
23	2	0	2½	4	1	1	8	2	2	12	3	2	16	5	0½
22	1	11	2	3	11	0½	7	10	1	11	9	0½	15	8	2
21	1	10	2	3	9	0	7	6	0	11	2	3	15	0	0
20	1	9	1½	3	6	3	7	1	2¾	10	8	1	14	3	1½
19	1	8	1	3	4	2¾	6	9	1½	10	1	3½	13	6	3
18	1	7	1	3	2	2	6	5	0½	9	7	1¾	12	10	1
17	1	6	0¾	3	0	1½	6	0	3	9	1	0	12	1	2¾
16	1	5	0½	2	10	1	5	8	2	8	6	2	11	5	0½
15	1	4	0	2	8	0½	5	4	1	8	0	0½	10	8	2
14	1	3	0	2	6	0	5	0	0	7	5	3	10	0	0
13	1	1	3½	2	3	3	4	7	2¾	6	11	1	9	3	1½
12	1	0	3	2	1	2¾	4	3	1½	6	4	3½	8	6	3
11	0	11	3	1	11	2	3	11	0½	5	10	1¾	7	10	1
10	0	10	2¾	1	9	1½	3	6	3	5	4	0	7	1	2¾
9	0	9	2½	1	7	1	3	2	2	4	9	2	6	5	0½
8	0	8	2	1	5	0½	2	10	1	4	3	0½	5	8	2
7	0	7	2	1	3	0	2	6	0	3	8	3	5	0	0
6	0	6	1½	1	0	3	2	1	2¾	3	2	1	4	3	1½
5	0	5	1	0	10	2¾	1	9	1½	2	7	3½	3	6	3
4	0	4	1	0	8	2	1	5	0½	2	1	1¾	2	10	1
3	0	3	0¾	0	6	1½	1	0	3	1	7	0	2	1	2¾
2	0	2	0½	0	4	1	0	8	2	1	0	2	1	5	0½
1	0	1	0	0	2	0½	0	4	1	0	6	1½	0	8	2

1Hun.	l.	s		l.	s.	
112	5	00		6	00	
¾Hun.						
84	3	15		4	10	
½Hun.						
56	2	10		3	0	
¼Hun.						
28	1	5		1	10	
	s.	d.	q.	s.	d.	q.
27	24	1	1	28	11	0½
26	23	2	2	27	10	1
25	22	3	3	26	9	1½
24	21	5	0½	25	8	2
23	20	6	1½	24	7	2¾
22	19	7	2¾	23	6	3
21	18	9	0	22	6	0
20	17	10	1	21	5	0½
19	16	11	2	20	4	1
18	16	0	3	19	3	1½
17	15	2	0½	18	2	2
16	14	3	1½	17	1	2¾
15	13	4	2¾	16	0	3
14	12	6	0	15	0	0
13	11	7	1	13	11	0½
12	10	8	2	12	10	1
11	7	9	3	11	9	1½
10	8	11	0½	10	8	2
9	8	0	1½	9	7	2¾
8	7	1	2¾	8	6	3
7	6	3	0	7	6	0
6	5	4	1	6	5	0½
5	4	5	2	5	4	1
4	3	6	3	4	3	1½
3	2	8	0¾	3	2	2
2	1	9	1½	2	1	2¾
1	0	10	2¾	1	0	3

1H.	l.	s.		l.	s.		l.	s.	
112	7	0		8	0		9	00	
¾H.									
84	5	5		6	0		6	15	
½H.									
56	3	10		4	0		4	10	
¼H.									
28	1	15		2	0		2	5	
	s.	d	q.	s.	d.	q.	s.	d.	q.
27	33	9	0	38	6	3	43	4	2¾
26	32	6	0	37	1	2¾	41	9	1½
25	31	3	0	35	8	2	40	2	0½
24	30	0	0	34	3	1½	38	6	3
23	28	9	0	32	10	1	36	11	2
22	27	6	0	31	5	0	35	4	1
21	26	3	0	30	0	0	33	9	0
20	25	0	0	28	6	3	32	1	2¾
19	23	9	0	27	1	2¾	30	6	1½
18	22	6	0	25	8	2	28	11	0½
17	21	3	0	24	3	1½	27	3	3
16	20	0	0	22	10	1	25	8	2
15	18	9	0	21	5	0½	24	1	1
14	17	6	0	20	0	0	22	6	0
13	16	3	0	18	6	3	20	10	2¾
12	15	0	0	17	1	2¾	19	3	1½
11	13	9	0	15	8	2	17	8	0½
10	12	6	0	14	3	1	16	0	3
9	11	3	0	12	10	1	14	5	2
8	10	0	0	11	5	0½	12	10	1
7	8	9	0	10	0	0	11	3	0
6	7	6	0	8	6	3	9	7	2¾
5	6	3	0	7	1	2¾	8	0	1½
4	5	0	0	5	8	2	6	5	0½
3	3	9	0	4	3	1½	4	9	3
2	2	6	0	2	10	1	3	2	2
1	1	3	0	1	5	0½	1	7	1

THE
EXPLANATION and USE
# of the Foregoing
TABLE,

BY This Table may be valued Iron, Lead, Copper, Tin, Wax, Rozin, Pitch, Butter, Cheeſe, Silk, Worſted, Thread and Hemp; and all ſuch Grocery Wares as are ſold by the Hundred, of 112*lb.* to the Hundred.

Explanation.

On the Top of every Column, is to be Sought, the Price at *per* Hundred, and directly underneath, between the Lines, is the Value of $\frac{3}{4}$, $\frac{1}{2}$, and a $\frac{1}{4}$ of a Hundred, at that Rate *per* Hundred. The parts leſs than a Quarter of a Hundred are to be Sought in the Left-hand Column of each Page, and are Figured deſending from 27 to 1. The Value of each of thoſe parts are to be found, right againſt their Numbers in the Oppoſit Columns, right under the Price *per* Hundred.

Example I.

At 10*s. per Hundred, what comes* 17*lb. to?*

Seek on the Top of the Table for 10*s.* the Price *per* Hundred, and in the ſame Column right againſt 17*lb*, in the Left-hand Column ſtands 1*s.* 6*d.* 0*q.* $_4$ which is one Shilling and Six-pence, no Farthings $\frac{3}{4}$ of a Farthing. So likewiſe, by the ſame Rule you will find that 6*lb.* at 4*l.* *per* Hundred comes to 4*s.* 3*d.* 1*q.* $\frac{1}{2}$, and the ſame of any other.

Example

Example II.

If I can buy one Hundred of any Commodity at 4l, how much of the ſame Can I buy for 15*s.* 8*d.* 2*q.*

Seek on the Top of the Table for the Price *per* Hundred, and right down that Column for the 15*s.* 8*d.* 2*q.* and right againſt the ſame in the firſt Column ſtands 22, the Quantity Sought for, which can be bought with 15*s.* 8*d.* 2*q.* at 4*l.* *per* Hundred. The ſame of any other in the like Nature.

Example III.

At 1*l.* 2*s.* 6*d.* *per Hundred what comes* 15*lb.* *to?*

Now becauſe you cannot find the Price *per* Hundred Propoſed, you muſt do thus.

	s.	d.	q.
Seek 15*lb.* at 1*l.* *per* Hundred is	2	8	0½
and 15*lb.* at 2*s.* 6*d.* *per* Hundred is	0	4	0
15*lb.* at *l.* 2*s.* 6*d.* *per* Hundred is	3	0	0½

Example

Example IV.

At 8l. per Hundred, what comes 59 lb. to?

	l.	s.	d.q.	
$\frac{1}{2}$*H.* or 56*lb.* at 8*l.* *per* Hundred is	4	0	0	0
and 3*lb.* at 8*l.* *per* Hundred is	0	4	3	1$\frac{1}{2}$
59*lb.* at 8*l.* *per* Hundred is	4	4	3	1$\frac{1}{2}$

The whole Uſe of the Table is the ſame in all reſpects, with the given Examples, and therefore I think it needleſs to add any more.

TABLE XV.

	By the D.	by the Week				by the Month				by the Year			
		l.	s.	d	q	l.	s	d	q	l.	s.	d	q
Farthin	1	0	0	1	3	0	0	7	0	0	7	7	1
	2	0	0	3	2	0	1	2	0	0	15	2	2
	3	0	0	5	1	0	1	9	0	1	2	9	3
Pence	1	0	0	7	0	0	2	4	0	1	10	5	0
	2	0	1	2	0	0	4	8	0	3	0	10	0
	3	0	1	9	0	0	7	0	0	4	11	3	0
	4	0	2	4	0	0	9	4	0	6	1	8	0
	5	0	2	11	0	0	11	8	0	7	12	1	0
	6	0	3	6	0	0	14	0	0	9	2	6	0
	7	0	4	1	0	0	16	4	0	10	12	11	0
	8	0	4	8	0	0	18	8	0	12	3	4	0
	9	0	5	3	0	1	1	0	0	13	13	9	0
	10	0	5	10	0	1	3	4	0	15	4	2	0
	11	0	6	5	0	1	5	8	0	16	14	7	0
Shillings	1	0	7	0	0	1	8	0	0	18	5	0	0
	2	0	14	0	0	2	16	0	0	36	10	0	0
	3	1	1	0	0	4	4	0	0	54	15	0	0
	4	1	8	0	0	5	12	0	0	73	0	0	0
	5	1	15	0	0	7	0	0	0	91	5	0	0
	6	2	2	0	0	8	8	0	0	109	10	0	0
	7	2	9	0	0	9	16	0	0	127	15	0	0
	8	2	16	0	0	11	4	0	0	146	0	0	0
	9	3	3	0	0	12	12	0	0	164	5	0	0
	10	3	10	0	0	14	0	0	0	182	10	0	0
	11	3	17	0	0	15	8	0	0	200	15	0	0
	12	4	4	0	0	16	16	0	0	219	0	0	0
	13	4	11	0	0	18	4	0	0	237	5	0	0
	14	4	18	0	0	19	12	0	0	255	10	0	0
	15	5	5	0	0	21	0	0	0	273	15	0	0
	16	5	12	0	0	22	8	0	0	292	0	0	0
	17	5	19	0	0	23	16	0	0	310	5	0	0
	18	6	6	0	0	25	4	0	0	328	10	0	0
	19	6	13	0	0	26	12	0	0	346	15	0	0
	20	7	0	0	0	28	0	0	0	365	0	0	0

THE

EXPLANATION and USE

Of the foregoing

TABLE.

BY This Table is ſhewed what any Sum of Money expended in a Day, Week, or Month, will amount unto in a Year, and the Contrary.

In the firſt Column towards the Left-hand, is Included between the Parallel Lines, Shillings, Pence and Farthings, which ſhews that the Figures under the Denominations are ſo many Shillings, Pence and Farthings. Each of the other Columns ſhews what that expence by the Day will amount unto by the Week, Month or Year. So that if at 6*d.* *per* Day, you would know what it amounts unto by the Week, Month or Year, ſeek 6*d.* in the firſt Column, and right againſt it under Week, is 3*s.* 6*d.* under Month 14*s.* and under Year 9*l.* 2*s.* 6*d.* And the ſame of any other.

Table XVI.

This Table ſhews the Value of one Foot in length of Oak, or any other Timber that's Squared, and cut to any Scanting or Size fit for Building, at the Rate of Fifteen-Pence per *Foot, Cubical Meaſure.*

	2		2½		3		3½		4		4½		5		5½		6		6½		7		7½		8		8½		9		9½		10		10½		11		11½		12	
	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q
12	2	2	3	0	3	3	4	1	5	0	5	2	6	1	6	3	7	2	8	0	8	3	9	1	10	0	10	2	11	1	11	3	12	2	13	0	13	3	14	1	15	0
11½	2	1	2	3	3	2	4	0	4	3	5	1	6	0	6	2	7	0	7	3	8	1	9	0	9	2	10	1	10	3	11	1	12	1	12	2	13	0	13	0		
11	2	1	2	3	3	1	4	0	4	2	5	0	5	3	6	1	6	3	7	1	8	0	8	2	9	0	9	2	10	1	10	3	11	2	12	0	12	2				
10½	2	0	2	2	3	1	3	3	4	1	4	3	5	2	6	0	6	2	7	0	7	2	8	1	8	3	9	1	9	3	10	1	11	0	11	2						
10	2	0	2	2	3	0	3	2	4	0	4	2	5	0	5	3	6	1	6	3	7	1	7	3	8	1	8	3	9	1	9	3	10	1								
9½	2	0	2	1	2	3	3	2	3	3	4	2	4	3	5	1	5	3	6	1	6	3	7	2	7	3	8	1	8	3	9	1										
9	1	3	2	1	2	3	3	1	2	3	4	0	4	2	5	0	5	2	6	0	6	2	7	0	7	2	7	3	8	1												
8½	1	3	2	0	2	2	3	0	3	2	4	0	4	1	4	3	5	1	5	3	6	0	6	2	7	0	7	2														
8	1	2	2	0	2	2	2	3	3	1	3	3	4	0	4	2	5	0	5	1	5	3	6	1	6	2																
7½	1	2	2	0	2	1	2	2	3	0	3	2	3	3	4	1	4	2	5	0	5	2	5	3																		
7	1	1	1	3	2	0	2	2	2	3	3	1	3	2	4	0	4	1	4	3	5	0																				
6½	1	1	1	2	2	0	2	1	2	2	3	0	3	1	3	3	4	0	4	1																						
6	1	1	1	2	1	3	2	0	2	2	2	3	3	0	3	1	3	3																								
5½	1	0	1	1	1	2	2	0	2	1	2	2	2	3	3	0																										
5	1	0	1	1	1	2	1	3	2	0	2	1	2	2																												
4½	0	3	1	0	1	1	1	2	1	3	2	0																														
4	0	3	1	0	1	1	1	1	1	2																																
3½	0	2	0	3	1	0	1	1																																		
3	0	2	0	3	0	3																																				
2½	0	2	0	2																																						
2	0	1																																								

	2		2 ½		3		3 ½		4		4 ½		5		5 ½		6		6 ½		7		7 ½		8		8 ½		9		9 ½		10		10 ½		11		11 ½		12	
		q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q
	3	0	3	3	4	2	5	1	6	0	6	3	7	2	8	1	9	0	9	3	10	2	11	1	12	0	12	3	13	2	14	1	15	0	15	3	16	2	17	1	18	0
½	2	3	3	2	4	1	5	0	5	3	6	2	7	1	7	3	8	2	9	1	10	0	10	3	11	2	12	0	13	0	13	2	14	1	15	0	15	3	16	2		
	2	3	3	1	4	0	4	3	5	2	6	1	6	3	7	2	8	1	8	3	9	2	10	1	11	0	11	2	12	1	13	0	13	3	14	1	15	0				
½	2	2	3	1	4	0	4	2	5	1	5	3	6	2	7	1	7	3	8	2	9	0	9	3	10	2	11	0	11	3	12	2	13	0	13	3						
	2	2	3	0	3	3	4	1	5	0	5	2	6	1	6	3	7	2	8	1	8	3	9	1	10	0	10	2	11	1	11	3	12	2								
½	2	1	3	0	3	2	4	0	4	3	5	1	5	3	6	2	7	0	7	3	8	1	9	0	9	2	10	0	10	2	11	1										
	2	1	2	3	3	1	3	3	4	2	5	0	5	2	6	1	6	3	7	1	7	3	8	2	9	0	9	2	10	0												
½	2	0	2	2	3	0	3	2	4	1	4	3	5	1	5	3	6	1	6	3	7	1	8	0	8	2	9	0														
	2	0	2	2	3	0	3	2	4	0	4	2	5	0	5	2	6	0	6	2	7	0	7	2	8	0																
½	1	3	2	1	2	3	3	1	3	3	4	1	4	3	5	0	5	2	6	0	6	2	7	0																		
½	1	3	2	1	2	2	3	0	3	2	4	0	4	1	4	3	5	1	5	3	6	0																				
	1	2	2	0	2	1	2	3	3	1	3	2	4	0	4	2	4	3	5	1																						
5 ½	1	2	1	3	2	1	2	2	3	0	3	1	3	3	4	0	4	2																								
5	1	1	1	3	2	0	2	1	2	3	3	0	3	1	3	3																										
5 ½	1	1	1	2	1	3	2	0	2	2	2	3	3	0																												
4	1	0	1	1	1	2	1	3	2	1	2	1																														
4 ½	1	0	1	1	1	2	1	3	2	0																																
3	0	3	1	0	1	1	1	2																																		
3 ½	0	3	1	0	1	0																																				
2	0	2	0	3																																						
2	0	2																																								

Table XVII.

This Table ſhews the value
of one Foot in Length, of Oak, or
any other Timber, when Squared, and
cut to any Scantling or Size fit for Building,
at the Rate of Eighteen-pence per *Foot*

Cubical Meaſure.

	2 ½		3		3 ½		4		4 ½		5		5 ½		6		6 ½		7		7 ½		8		8 ½		9		9 ½		10		10 ½		11		11 ½		12	
q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	q	d
2	4	1	5	1	6	0	7	0	7	3	8	3	9	2	10	2	11	1	12	1	13	0	14	0	14	3	15	3	16	2	17	2	18	1	19	1	20	0	21	0
1	4	0	5	0	5	3	6	2	7	2	8	1	9	0	10	0	11	0	11	2	12	2	13	1	14	0	15	0	15	3	16	3	17	2	18	1	19	1		
1	4	0	4	3	5	2	6	1	7	0	8	0	8	3	9	2	10	1	11	1	12	0	12	3	13	2	14	2	15	1	16	0	16	3	17	2				
0	3	3	4	2	5	1	6	0	6	3	7	2	8	1	9	0	9	3	10	3	11	2	12	1	13	0	13	2	14	2	15	1	16	0						
3	3	2	4	1	5	0	5	3	6	2	7	1	8	0	8	3	9	2	10	0	10	3	11	2	12	1	13	0	13	3	14	2								
3	3	2	4	0	4	3	5	2	6	1	6	3	7	2	8	1	9	0	9	2	10	1	11	0	11	3	12	1	13	0										
2	3	1	4	0	4	2	5	1	5	3	6	2	7	1	7	3	8	2	9	0	9	3	10	2	11	0	11	3												
2	2	0	3	3	4	1	5	0	5	2	6	1	6	3	7	1	8	0	8	3	9	1	9	3	10	2														
1	2	3	3	2	4	0	4	3	5	1	5	3	6	2	7	0	7	2	8	0	8	3	9	1																
1	2	3	3	1	3	3	4	1	5	0	5	2	6	0	6	2	7	0	7	2	8	1																		
0	2	2	3	0	3	2	4	0	4	2	5	0	5	2	6	0	6	2	7	0																				
3	2	1	2	3	3	1	3	3	4	1	4	3	5	1	5	3	6	1																						
2	2	1	2	2	3	0	3	2	4	0	4	1	4	3	5	1																								
2	2	0	2	2	2	3	3	1	3	2	4	0	4	0																										
2	1	3	2	1	2	2	2	3	3	1	3	2																												
1	1	3	2	0	2	1	2	2	2	3																														
3	1	2	1	3	2	0	2	1																																
0	1	1	1	2	1	3																																		
3	1	0	1	1																																				
2	0	3																																						
2																																								

Table XVIII.

This Table ſhews the value of one foot
in length of Oak, or any other Timber, that's
Squared, or cut to any Scantling, or Size fit for Building,
at the Rate of One and Twenty-pence per *Foot Cubical Meaſure.*

	2 ½		3		3 ½		4		4 ½		5		5 ½		6		6 ½		7		7 ½		8		8 ½		9		9 ½		10		10 ½		11		11 ½		12	
	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q	d	q
	5	0	6	0	7	0	8	0	9	0	10	0	11	0	12	0	13	0	14	0	15	0	16	0	17	0	18	0	19	0	20	0	21	0	22	0	23	0	24	0
	4	2	5	3	6	2	7	2	8	2	9	2	10	2	11	2	12	1	13	1	14	1	15	1	16	1	17	1	18	1	19	0	20	0	21	0	22	0		
½	4	2	5	2	6	1	7	1	8	1	9	0	10	0	11	0	11	3	12	3	13	3	14	2	15	2	16	2	17	1	18	1	19	1	20	0				
	4	1	5	1	6	0	7	0	7	3	8	3	9	2	10	2	11	1	12	1	13	0	14	0	14	3	15	3	16	2	17	2	18	1						
½	4	0	5	0	5	3	6	2	7	2	8	1	9	0	10	0	10	3	11	2	12	2	13	1	14	0	15	0	15	3	16	2								
	3	3	4	3	5	2	6	1	7	0	7	3	8	2	9	2	10	1	11	0	11	3	12	2	13	1	14	1	15	0										
	3	2	4	2	5	1	6	0	6	3	7	2	8	1	9	0	9	3	10	2	11	1	12	0	12	3	13	2												
	3	2	4	1	4	3	5	2	6	1	7	0	7	3	8	2	9	0	9	3	10	2	11	1	12	0														
2	3	1	4	0	4	2	5	1	6	0	6	2	7	1	8	0	8	2	9	1	10	0	10	2																
2	3	0	3	3	4	1	5	0	5	2	6	1	6	3	7	2	8	0	8	3	9	1																		
1	2	3	3	2	4	0	4	2	5	1	5	3	6	1	7	0	7	2	8	0																				
0	2	2	3	1	3	3	4	1	4	3	5	1	5	3	6	2	7	0																						
0	2	2	3	0	3	2	4	0	4	2	5	0	5	2	6	0																								
3	2	1	2	3	3	1	3	2	4	0	4	2	5	0																										
2	2	0	2	2	2	3	3	1	3	3	4	0																												
2	1	3	2	1	2	2	3	0	3	1																														
1	1	2	2	0	2	1	2	2																																
1	1	1	1	3	2	0																																		
0	1	1	1	2																																				
3	1	0																																						
2																																								

Table XIX.

This Table ſhews the Value of one Foot in Length of Oak, or any other Timber that's Squared and cut to any Scantling, or Size fit for Building at the Rate of Two Shillings per *Foot Cubical Meaſure.*

THE EXPLANATION and USE OF Table XVI, XVII, XVIII, XIX.

THO' theſe Tables were deſigned only for valuing of Timber, yet they may as well be applied to the valuing of Stone, as I ſhall make appear by the following Examples.

The Scantling of the Timber or Stone to be valued, muſt be ſought in the firſt Column, and on the top of each of the other, always obſerving to ſeek the largeſt Scantling in the Side of the Table, and the ſmalleſt on the Top; and in the Angle of Meeting, you have the value of one Foot in length thereof, according to the Price *per* Foot Cabical, that the Table is of, in which you ſeek it in.

Example I.

At 15 *Pence per Foot Cubical, what is the value of a Piece of Timber, or Stone,* *whoſe Scantling or Sides are 9 Inches by 7 Inches?*

By *Table* XVI ſeek the given Scantlings *viz.* 9 on the Side of the Table and 7 on the Top, and in the Angle of Meeting, you will find 6 2 which is 6 Pence 2 Farthings the Price ſought. For the firſt Figure is Pence, and the other Farthings in all the Tables.

Example II.

At 21 *Pence per Foot, Table* XVIII. *what's the value of a Piece of Timber or Stone, whoſe Scantling is* $8\frac{1}{2}$ *by* $6\frac{1}{2}$*?*

Seek the Scantling as above directed, and in the Angle of Meeting, you will find 8*d.* 0*q.* the Price ſought, and the ſame of any other Scantling which is to be ſound in the Tables at the Prices they are calculated to.

Example

Example III.

What is the value of a Piece of Stuff, whoſe Scantling is 15 *by* 14 *at the Rate of* 2 s. *per Foot Cubical, Table* XIX.

Now becauſe either of the given Dimenſions is larger than any to be found in the Tables, therefore in ſuch a Caſe, to know the value thereof, you muſt ſeek the Price to half each of the Scantlings, and four Times that Price is the Price ſought. As in the given Example, the half of the two given Scantlings is 7 ½ by 7, and the Price thereof by the XIX Table, is 8*d,* 3*q.* and 4 Times 8*d.* 3*q.* is 2*s.* 11*d.* 0*q.* the Price or Value of one Foot in length of a Piece of Timber or Stone, whoſe Scantling is 15 by 14, at 2 *s per* Foot Cubical, and the like of any other of the ſame Nature.

Example IV.

At 3 *s.* 9 *d. per Foot Cubical, what is the value of one Foot in length of a Piece of Tim-*

Timber or Stone, whoſe Scantling is 10 by 6?.

Now becauſe you cannot find the value of ſuch a Piece in either of the Tables at once do thus.

	s.	d.	q
s. d. At 2. 0. *per* Foot 10 by 6 in Table 19 is.	0	10	0
At 1. 9. *per* Foot Table 18, 10 by 6 is		8	3
At 3*s* 9*d per* Foot 10 by 6 is	1	6	3

So in like manner you may make uſe of theſe Tables to any of the following Prices *per* Foot, *viz.* For 2*s.* 6*s. per* Foot take twice the Price ſet down in Table 16. For 3*s per* Foot, take twice Table 17. For 3*s* 6*d per* Foot take twice the Price in Table 18, for 3*s.* 3*d.* add Table 17 to Table 18. and by this Method you may make uſe of theſe Tables to a great Variety of Prices, more an is here inſerted.

The

THE EXPLANATION

Of the following Tables.

TABLE XX.

THIS Table is to be thus read 4 Farthings is one Penny, 12 Pence one Shilling, 5 Shillings one Crown, 4 Crowns one Pound. So that if you want to know how many Shillings, Pence or Farthings there are in a Pound, *&c.* Look right under Shilling, Pence, and Farthings, and againſt Pounds you have your Deſire, the ſame is to be obſerved in the Uſe of the other Tables.

Table XX. Of *Engliſh* Money.

Farthings.				
4	Pence.			
48	12	Shillings.		
240	60	5	Crowns.	
960	240	20	4	Pound.

Table XXI. of Troy-Weight.

Troy-Weight is that by which is weighed, Bread, Gold, Silver and Pearl, *&c.* whoſe Denominations are Pounds, Ounces, Penny-Weights and Grains; of which.

Grains.			
24	Penny-Weight.		
480	20	Ounce.	
5760	240	12	Pounds.

Table XXII. Of *Apothecaries* Weight.

The Weights uſed by *Apothecaries* and *Druggeſts* go under the following Denominations, *viz.* Grains, Scruples, Drams, Ounces, and Pounds; of which

Grains				
20	Scruples.			
60	3	Drachms.		
480	24	8	Ounces.	
5760	268	96	12	Pounds.

25 £. is 1 Quarter of a Hundred.
100 £. 1 Hundred Weight.
20 Hundred 1 Tun of Gold or Silver.

XXIII.

XXIII. Of the Value of Gold and Silver.

Gold	£	s.	d.	Silver £	s.	d.
1 Pound Wt. is worth	48	0	0	3	2	0
1 Ounce.	4	0	0	0	5	3
1 Penny-Weight.	0	4	0	0	0	3 $\frac{1}{10}$
1 Grain.	0	0	2	$\frac{1}{2}$ Farth.		

A Tun of Gold at 4£. an Ounce, is 96000£. A Tun of Silver at 5£. an Ounce, 6000£.

Table XXIV. Of Avoirdupois-Weight.

By this Weight is weighed all kind of *Grocery* Wares, or Goods ſubject to Waſte, as *Tobacco*, *Sugar*, *Fruit*, *Drugs*, *Butter*, *Cheeſe*, *Allom*, *Iron*, *Braſs*, *Lead*, *Soap*, *Tallow*, *Pitch*, *Rozin*, *Tin*, *Salt*, *Wax*, *Flax*, *Hemp*, and all kind of garble Goods, *&c.*

Drams.					
16	Ounces.				
256	16	Pounds.			
7168	448	28	Quarters of Hundreds		
18672	1792	112	4	Hundreds at 112 l.	
573440	35840	2240	80	20	Tuns.

Note, A pound Avoirdupois-Weight is equal to 14 Ounces, 12 Penny-Weights, Troy.

Table XXV. Of Wool.

Wool is weighed by Avoirdupois-Weight, but differently divided according to the following Table, *viz.*

Pounds.						
7	Cloves.					
14	2	Stones.				
28	4	2	Tod.			
182	26	13	6½	Weys.		
364	52	26	13	2	Sacks.	
4368	624	312	156	24	12	Laſts.

Note, That the Wey differs in ſome Counties, as in *Suffolk*, the Wey is 336 *lb.* or 42 Cloves, in *Eſſex*, 256 *lb*, or 32 Cloves; and by the Diviſion above, 182 *lb.*

Table XXVI. Of Cloth-Meaſure.

Nails.				
4	Quarters.			
16	4	Yards.		
20	5	1	Ells Engliſh.	
12	3	¾	⅗	Ells Flemiſh

Table XXVII. Of Long-Meaſure.

Barley Corns.									
3	Inch.								
36	12	Feet.							
108	36	3	Yards.						
216	72	6	2	Fathoms.					
576	192	$16\frac{1}{2}$	$5\frac{1}{2}$	$2\frac{3}{4}$	Pole, Rod, or Perch.				
2376	792	66	22	11	4	Cha. or Ac. Breadth.			
23760	7920	660	220	110	40	10	R. F. or A. Le.		
190080	63360	5280	1760	880	320	80	8	Mile.	

Note, 4 Inches is a Hand of a Horſes Height.

Table XXVIII. Of Square-Meaſure.

Square Inches.						
144	Square Feet.					
1296	9	Square Yards.				
14400	100	$11\frac{1}{9}$	Square of 10 Feet.			
39204	$272\frac{1}{4}$	$30\frac{2}{9}$	$2\frac{721}{1004}$	Square Rod, Pole or Perch.		
627624	4356	484	$43\frac{56}{100}$	16	Square Chain.	
4865640	33560	$3728\frac{8}{9}$	$335\frac{6}{10}$	160	10	an Acre of Land.

In

In a Square Mile are.

4014489600	Inches.
27878400	Feet.
3097600	Yards.
102400	Poles.
3560	Roods.
640	Acres.

Liquid Meaſure is of two Sorts, one for *Wine*, *Spirits* and *Oil*, &c. And the other for *Ale* and *Beer*. As the three following Tables will illuſtrate.

Table XXIX. Of Wine-Meaſure.

Inches Solid.									
$28\frac{3}{4}\frac{1}{8}$	Pints.								
$57\frac{3}{4}$	2	Quarts.							
$115\frac{1}{2}$	4	2	Potiles.						
231	8	4	2	Gallons.					
9702	336	168	84	42	Tierce.				
14653	504	252	126	63	$1\frac{1}{2}$	Hogſhead.			
39306	1008	504	252	126	3	2	Pips or Buts.		
78612	2016	1008	504	252	6	4	2	Tuns.	
20204	672	336	168	84	1	0	0	$\frac{1}{3}$	Puncheon.

Note, That 18 Gallons is a Rundlet, $32\frac{1}{2}$ Gallons is a Wine, or Vinegar, Barrel, a Tun-Weight is 18 C. Avoirdupois.

Note,

Note, Oil and Honey are meaſured by Wine-Meaſure. And that ſweet Oil hath but 236 Gallons to a Tun, but *Whale-Oil*, or *Oil* from *Greenland* 252 Gallons to a Tun.

Table XXX. Of Beer-Meaſure.

Solid Inches.								
30¼	Pints.							
60½	2	Quarts.						
121	4	2	Pottles.					
282	8	4	2	Gallons.				
2538	72	36	18	9	Firkins.			
5076	144	72	36	18	2	Kilderkins.		
10152	288	144	72	36	4	2	Barrels.	
15228	432	216	108	54	6	3	1½	Hogſhe.

Note, That in all other Places but London, *the Firkin of Beer and Ale contains* 8½ *Gallons.*

Note, That 3 Barrels, or 108 Gallons, make one Butt of Beer.

Table XXXI. Of Ale-Meaſure.

282 Solid Inches	1 Gallon.
8 Gallons	1 Firkin of Ale, Sope or Herrings.
2 Firkins	1 Kilderkin.
1 ½ Bar. or 48 Gall.	1 Hogſhead.

In a Barrel of *Ale* are

9024 Solid Inches.
256 Points.
128 Quarts.
64 Pottles.
32 Gallons.
4 Firkins.
2 Kilderkins.

The *Beer* and *Ale* Gallons are the ſame, *viz.* 282 Solid Inches, but the Barrel of *Beer* contains 1128 Cubical Inches more than the Barrel of *Ale* that is, 4 Gallons.

Table XXXII. Of Dry-Meaſure.

By this are meaſured all Sorts of *Grain*, *Salt*, *Sea-Cole*, &c.

Pints.								
2	Quarts.							
4	2	Pottles.						
8	4	2	Gallons.					
16	8	4	2	Pecks.				
64	32	16	8	4	Buſhels.			
512	256	128	64	32	8	Quarters.		
2560	1280	640	320	160	40	5	Weys.	
5120	2560	1280	640	320	80	10	2	Laſt.

Note, There are 4 Pecks in a Land-Buſhel, and 5 in a Water-Buſhel.

Obſerve alſo that when *Salt* and *Sea-Coals* are meaſured by the Corn-Meaſure, they are heaped, or otherwiſe there are 5 ſtriked Pecks to the Buſhel; and 36 Buſhels is a Chaldron of Coales, there being 21 Chaldrons to the Score, in the River of *Thames*. A Gallon contains $268\frac{4}{5}$ cubical Inches, and a Buſhel of Corn $2150\frac{2}{3}$ cubical Inches.

Note, A Buſhel ought to be $18\frac{1}{2}$ Inches wide, and 8 Inches deep, as by Act of Parliament in 1697.

Some make 6 Quarters of Meal a Weight, and one Weight 3 Quarters, a Laſt.

Table XXXIII. Of Time.

Seconds.						
60	Minutes.					
3600	60	Hours.				
86400	1440	24	Days.			
604800	10080	168	7	Weeks.		
2419200	40320	672	28	4	Months.	
31557600	525960	8766	$365\frac{1}{4}$	$52\frac{24}{30}$	13 3 hours	Year.

A *Century* is 100 Years; the *Roman Indiction*, a Revolution of 15 Years.

Table XXXIV. Of the Motion of *the heavenly* Bodies.

Seconds.				
60	Minute or Miles.			
3600	60	Degree or 60 Miles.		
108000	1800	30	Sign.	
1296000	21600	360	12	A Revolution of the whole Sphere.

Table XXV. Of Dozens.

In a great Groſs are	1728 Pieces of Things. 144 Dozens. 12 ſmall Groſs.

Tann'd Calf-Skins are ſold 13 to the dozen

Table

Table XXXVI. Of Fiſh.

120 Of *Ling*, *Cod*, or *Haberdine*, to the 100, *viz.*

120	accounted	100
1200		1000, or a Barril,
10000		A Laſt or 12 Barril.

Table XXXVII. Of Paper and Parchment.

1 Bail is ———————— 5 Bundles.
1 Bundle ———————— 2 Reams.
1 Ream is ———————— 20 Quires.
1 Quire is ———————— 24 or 25 Sheets.
1 Role of Parchments is 5 Dozen, and
1 Dozen is ———————— 12 Skins.

Table XXXVIII. Of Wood.

Block-Wood, being great Logs, are ſold by the Chord, and ſmall by the Stack.

A Chord of Wood is 8 foot long, 4 foot over, and 4 foot deep; being 128 Cubical feet.

A Stack of Wood is 12 foot long, 3 foot over, and 3 foot deep; being 108 Cubical feet.

Table XXXIX. Of ſuch Meaſure as are uſed in Land, Building &c.

A Square Foot, 144 Square Inches.
A Cubical Foot, 1728 Cubical Inches.
A Square Yard, 9 Square Feet.
A Cubical Yard, 27 Cubical Feet.
A Square, 100 Square Feet.
A Geometrical Pace, 5 Foot,
A Geometrical Perch 10 Feet,
A Statute Pole or Perch, 16½ Feet, } in length
A Square Statute Perch, 272¼ Square Feet.
A Wood-land pole or Perch, 18 Foot in Length.
A Square Wood-land pole 234 Squ. Feet
A Foreſt pole or Perch, 21 Foot in Leng.
4 Statute Perches, 1 Chain Length.
10 Chains Length, A Furlong or Acre's Length.
4 Chains Length, an Acre's breadth.
40 Square Perches, a Rod or ¼ of an Acre.
4 Rods or 160 Perches, one Acre.
A hide of Land, 100 Acres.
A Faggot of Steel 120*lb.*
A Burthen of Gad Steel, 180*lb.*

A Sack of Coals 3 Buſhels.
An Hundred of *Scots Coals*, 112 *lb.*
A Load of Squared Timber, 50 Feet.
A Load of Rough Timber 40 Feet.
A Load of Hay, 36 Truſſes, at 56 Pound the Truſs; or 4 Stone at 14 pound the Stone, but new Hay ought to be 60 pound the Truſs.

500 of Bricks a Load, and 1000 plain Tiles the ſame. Lathes are five ſcore to the Bundle, either 5 Foots or 4 foot in *Colcheſter*, but in ſome other places, 4 foot Lathes have 6 ſcore to the Bundle.

Deals and Nails are 120 to the Hundred. A Ton of Iron is 2240 pound Weight. A Fodder of Lead is 19 Hundred and a half, or 2184 pound. One Hundred of Lime is 35 Buſhels, a load of Lime is 32 Buſhels, and a Load of Sand is 36 Buſhels. A Stone of Glaſs is 5 pound; a ſeam of Glaſs is 24 Stone or 120*lb.* 5 Foot of Glaſs makes a Table, and 45 Tables a Caſe, but of *Newcaſtle*, *Normandy* Glaſs 25 Tables is a Caſe.

Glaſs-bottles 21 to the dozen, 12 dozen makes a groſs, which is 252.

Hoops are ſold by the Bundle, *viz.*

Pipe Hoops.	70	in a Bundle.
Hogshead.	90	
Barril or Kilderkin.	120	
Firkin.	180	

A Laſt of *Pitch*, *Tar*, or *Aſhes* is 14 Barrils.

A Laſt of Oſmonds or Iron Stone, is 4000 Weight.

A Stone of Wire 10 Pound.

Table XL.

A Perpetual Almanack.

SHewing the day of the Month, Dominical Letter, Golden Number Epact and New-Moon.

A Perpetual Almanack.

	Sundays.							
	1	2	3	4	5	6	7	
	8	9	10	11	12	13	14	
	15	16	17	18	19	20	21	
	22	23	24	25	26	27	28	
	29	30	31	W. Salmon.				
JAN.	A	B	C	D	E	F	G	OCT.
MAY	B	C	D	E	F	G	A	MAY.
AUG.	C	D	E	F	G	A	B	AUG.
Fe. No.	D	E	F	G	A	B	C	MAR.
JUN.	E	F	G	A	B	C	D	JUN
SEP.	F	G	A	B	C	D	E	DEC.
APR.	G	A	B	C	D	E	F	JUL.

Years.						
E	D	C	B	A	G	F
1735		36	37	38	39	
40	41	42	43		44	45
46	47		48	49	50	51
	52	53	54	55		56
57	58	59		60	61	62
63		64	65	66	67	
68	69	70	71		72	73
74	75		76	77	78	79
	80	81	82	83		84
85	86	87		88	89	90
91		92	93	94	95	

The Golden Number, Epact and new Moon.

The Year of our Lord.		G. Num	EPACT	Jan. 31	Feb. 28	Mar. 31	April 30	May 31	June 30	July 31	Aug. 31	Sept. 30	Octo. 31	Nov. 30	Dec. 31
1735	1754	7	17	13	11	13	11	1	9	8	7	5	5	3	3
1736	1755	8	28	2.31	0	1.31	29	29	27	26	25	23	23	21	21
1737	1756	9	9	19	18	20	19	18	17	16	15	13	12	11	10
1738	1757	10	20	3	7	9	8	7	6	5	4	3	2.31	30	29
1739	1758	11	1	28	27	27	26	26	24	24	22	21	20	19	19
1740	1759	12	12	17	15	16	15	15	13	13	11	10	10	8	8
1741	1760	13	23	6	5	6	4	4	2	2	1.30	29	28	27	27
1742	1761	14	4	25	23	25	23	23	21	21	19	18	18	16	16
1743	1762	15	15	15	13	14	12	12	10	9	8	6	6	4	4
1744	1763	16	26	3	2	3	2	1.30	28	28	27	25	24	23	23
1745	1764	17	7	22	20	22	21	20	18	17	16	14	14	12	12
1746	1765	18	18	11	10	11	10	9	8	7	6	4	3	2	1.31
1747	1766	19	29	30	28	29	28	27	26	25	24	22	21	20	20
1748	1767	1	11	18	17	18	17	16	15	15	13	12	11	9	9
1749	1768	2	22	7	6	7	6	5	4	4	2	1.30	28	28	28
1750	1769	3	3	26	25	26	25	24	23	22	21	20	19	18	18
1751	1770	4	14	16	14	15	13	13	12	10	9	8	7	6	6
1752	1771	5	25	5	3	5	3	2.31	30	29	28	26	26	25	25
1753	1772	6	6	23	22	24	22	21	20	19	17	16	15	14	14

THE EXPLANATION OF THE

Perpetual Almanack.

UNder *Years*, on the Top of the Table, is to be ſought the dominical Letter; by the help of which the Day of the Month is found under *Sundays*, by ſeeking the ſame dominical Letter againſt the Month as is under the date of the Year, and right over it you have all the *Sundays* in that Month; that is, the Days of the Month on which the *Sundays* fall on.

So likewiſe under golden Number, Epacts, and the twelve Months, you have the golden Number, Epact and New Moon, right againſt the Year of our Lord in the two firſt Columns towards the left-hand.

Example I.

In the Year 1736, what Days of the Month do the Sundays in Auguſt *fall on.*

Seek under *Years* for 1736, and right over it you have the dominical Letters, D, C, and here you muſt obſerve that every leap Year hath 2 dominical Letters, and that every blank Space denotes the Leap Year, and the Letters over the blank Space is uſed only for *January* and *February*, and the other all the reſt of the Year.

To know what Days of the Month in *Auguſt* the *Sundays* are of, ſeek *Auguſt* under *Sundays*, and right againſt it, the dominical Letter C, and right over the dominical Letter C, you have 1, 8, 15, 22, 29, the Days of the Month required. The ſame of any other.

Example II.

What is the golden Number and Epact, and what Day of the month is the new Moon on in Auguſt 1736.

In the left hand Columns, ſeek the Year under the Year of our Lord, and right againſt it under G, Number is 8, and under Epact is 28, and under *Auguſt* is 25, ſo that the Golden Number is 8, the Epact is 28, and the Day of the Month that the new Moon is on in *Auguſt*, is 25 as required.

The ſame of any other.

How to find the Dominical Letter, Golden Number and Epact, by Arithmetick; and thereby make the uſe of this Almanack perpetual.

To find the Dominical Letter.

Add to the Year its fourth and 4, divide the Product by 7, and ſubſtract what remains from 7, the remainder is the Dominical Letter, accounting A 1, B 2, C 3, D 4, E 5, F 6, G 7.

To find the Golden Number.

To the Year of our Lord add 1, and divide the Product by 19, the Remainder is the Golden Number; which when found ſeek it in the Table, and right againſt it under Epact you have the Epact; ſo ſo that you ſee that by knowing the Golden Number you with Eaſe find the Epact, and by having of either you may always find the New Moons.

To find the Epact by Figures.

Multiply the Prime, or golden Number by 11, and divide the Product by 30, and the Remainder is the Epact.

FINIS.

A Catalogue of BOOKS juſt publiſhed, Printed for J. HODGES, at the *Looking-Glaſs* on *London-Bridge*.

THE *Country Builder's Eſtimator*; or, the *Architect's Companion*: For eſtimating of New Buildings, or repairing of Old; in a conciſe eaſy Method, entirely new, and of Uſe to Gentlemen or their Stewards, Maſter-Workmen, Artificers, or any Perſon that undertakes or lets out Work. Wherein the ſeveral Artificers Works concerned in Building, and every Article belonging to each of them, are fully, diſtinctly and ſeparately conſidered, not only of the Workmanſhip, but of the Materials alſo, and what Quantity of Materials are required to the Performance thereof; with the manner of taking Dimenſions, Meaſuring and Valuing the ſame. To which is added, ſeveral new Tables never before publiſhed, for the valuing of Oak, or any other Timber that's ſquared and cut to any Scantling or Size fit for Building. By *William Salmon*, jun. Carpenter, of *Colcheſter*, who will undertake any Work at the Prices therein exhibited.

BRITISH MUSEUM
30 DE 75

II. *The 12th Edition corrected and enlarged, with a new Model of the Cathedral of St.* Paul, London, *curiouſly engraved, as it is now rebuilt,*

THE firſt Book of *Architecture*, by *Andrea Palladio*; Tranſlated out of the *Italian*; with an Appendix touching Doors and Windows, by *Pr. Lemeut*, Architect to the *French* King. Tranſlated into *Engliſh* by *Godfrey Richards*. The whole

whole illuſtrated with above Seventy Copper Cuts, Alſo Rules and Demonſtrations, with ſeveral Deſigns for the Framing of any manner of Roofs, either above Pitch, or under Pitch, whether Square or Bevel; never before publiſhed: By that ingenious Architect, Mr. *William Pope*, of *London*. With Deſigns of Floors of Variety of ſmall Pieces of Wood inlaid, lately made in the Palace of *Somerſet-houſe*; a Curioſity never practiſed before in *England*. *Price bound 4s.*

III. *The 14th Edition corrected, with Additions, of*

SIR *Samuel Moreland*'s *Vade Mecum:* or, the Neceſſary Pocket Companion: Being a Book of Accompts ready caſt up, whereby the greateſt Stranger to Arithmetick may find the Price of any Commodity, from one Farthing to twenty Shillings. With ſeveral Tables of Intereſt, and Tables for caſting up Nobles, Marks, and Guineas; with ſeveral other Things highly neceſſary for all Merchants, Tradeſmen and others. Price bound 2*s.*

IV. *The Fourth Edition, being the beſt Spelling-Book extant, recommended by 26 Eminent School-Maſters (under their Hands) as the moſt practical Performance of this Kind,*

AN Introduction to Spelling and Reading *Engliſh*: Being the moſt Plain and Eaſy Method of Teaching Young Children to Read. Containing, Firſt, Tables of Monoſyllables, adapted to the Capacity of the youngeſt Children; leading them on gradually, from the eaſieſt to the more difficult, and ſo to the hardeſt Words. II. Tables of Dyſſyllables, after the ſame Manner. III. Tables of Tryſſyllables, with their proper Diviſions and Accents. To which are added, One Hundred and Eighty Leſſons in Words of One, Two, and

Three

Three Syllables, ranged in proper Order, by way of Praxis on the ſeveral Tables, and a ſhort Catechetical Diſcourſe, explaining the Rules for Spelling, Pointing, *&c*. By *William Markham*, Schoolmaſter. *Price bound* 1*s*. *Where is likewiſe to be had by the ſame Author*,

V. THE Youth's Aſſiſtant in the Art of Numbering: Being an Eaſy Method of Arithmetick in all its Parts, Vulgar and Decimal. Wherein the young Scholar is inſtructed in all the Rules contained in that moſt valuable Science, in a very ſuccinct, but plain and familiar Manner; illuſtrated with various Examples, drawn up and deſign'd for the Uſe of Schools, with the Approbation of many School-maſters, and Perſons skill'd in Numbers. *Price ſtitch'd* 6 *d*.

VI. THE *Syren:* Containing a Collection of 420 of the moſt Celebrated *Engliſh* Songs, in a neat Pocket Volume. Being the beſt and cheapeſt Book of this Kind extant. *Price bound* 2*s*.

VII. *The Second Edition, corrected and amended, with large Additions*, Price 3*s*.

A Compleat Melody: or the Harmony of Sion. In Three Parts. Containing, I. A new compleat Introduction to all the true Grounds of Muſick, both Vocal and Inſtrumental, by Way of Dialogue, in a new and eaſy Method. With an Explanation of all the uſual Terms uſed in Muſick, collected from the *Greek*, *Latin*, *French*, *Italian*, &c. in Ten Chapters. II. The Pſalms of *David* new tun'd. Which Muſick expreſſes the true Senſe and Sound of the Words more than any ever yet publiſh'd. With an Alphabetical Table of all the Tunes, and what Pſalms are proper to each Tune. Alſo a Table of Pſalms ſuited to the Feaſts and Faſts of the Church of *England*, and other

other Varieties of Life. With fourteen *Gloria Patria*'s, ſuited to the true Meaſure of every Pſalm in the Book. III. A new and ſelect Number of divine Hymns and eaſy Anthems on ſeveral Occaſions; with ſeveral Canons of two, three, and four Parts in one. The whole is compos'd in two, three, and four muſical Parts, according to the moſt authentick Rules, for Voice or Organ. By *William Tanſur*, of *Ewell*, (near *Epſom*) in the County of *Surry*.

Thro' all the changing Scenes of Life, in Trouble
and in Joy,
The Praiſes of my God ſhall ſtill my Heart and
Tongue employ. Pſ. xxxiv. 1.

VIII. THE Melody of the Heart: or, the *Pſalmiſt*'s Pocket Companion. In two Parts. Containing, 1. The New Verſion of Pſalms new tun'd; with Muſick more proper to the Senſe of the Words than any extant. With an Alphabetical Table of all the Tunes, and what Pſalms are proper to each Tune, with *Gloria Patria* ſuited to the Meaſures of all the Pſalms in the Book. 2. New and ſelect Hymns, and eaſy Anthems on ſeveral Occaſions, *&c.* The whole is compoſed in two and three muſical Parts, for either Voice or Organ. By *Will. Tanſur*. Pr. 1*s.* 6*d.*

IX. THE Carpenters Rule made eaſy, or, the the Art of meaſuring Superficies and Solids: Alſo a ſecond Way, being the Groundwork of meaſuring Timber, Stone, Board, Glaſs, *&c.* with a Table of Accompts much enlarged; performing Multiplication, Diviſion, the Golden Rule, and Rule Reverſe, by Inſpection, being of excellent Uſe for Carpenters, Joyners, Maſons, Glaſiers, Painters, Sawyers, *&c.* by *John Darling*;

and

and alſo a Treatiſe of practical Gauging by *Heber Lands*. The Eighth Edition, carefully reviſed and corrected; with an Addition of the Uſe of the Sliding Rule, and of *Gunter*'s Line with Compaſſes, in meaſuring Plank and Timber; which renders this Book of more general Uſe than heretofore. By *Thomas Haſelden*, Teacher of the Mathematicks. Price bound 2*s.*

X. BRITAIN's *Glory*, or, *Ship Building unveiled*, being a general Director for building and compleating the ſaid Machines, by *William Sutherland*. The ſecond Edition. Folio. Pr*ice* 15*s.*

XI. O*Rpheus Britannicus*; a Collection of the choiceſt Songs for one two and three Voices. Compoſed by Mr. *Henry Purcel*. Together with ſuch Symphonies for Violins or Flutes as were by him deſign'd for any of them, and a thorough Baſs to each Song; figured for the Organ, Harpſicord, or Theorbo Lute. Part II. Folio. *Price* 12*s.*

XII. THE *Inſtructor*, or *Young Man*'s *beſt Companion*; containing Spelling, Reading, Writing, and Arithmetick, in an eaſier Way than any yet publiſhed; and how to qualify any Man for Buſineſs without the Help of a Maſter. By *George Fiſher*, Accomptant. With Cuts, and a Frontiſpiece, curiouſly engraved. Pr. bound 2*s.* 6*d.*

XIII. THE *New Art of War*; containing the Duties of the Officers of Horſe and Foot, the Duties of a Soldier in general, from a private Centinel to a chief Commander. With an Abridgement of the Articles of War now in force, *&c.* *Price* 2*s.* 6*d.*

BRITISH 30 DE 75 MUSEUM